

Program EVALPLOT
(Version 2021-1)

by

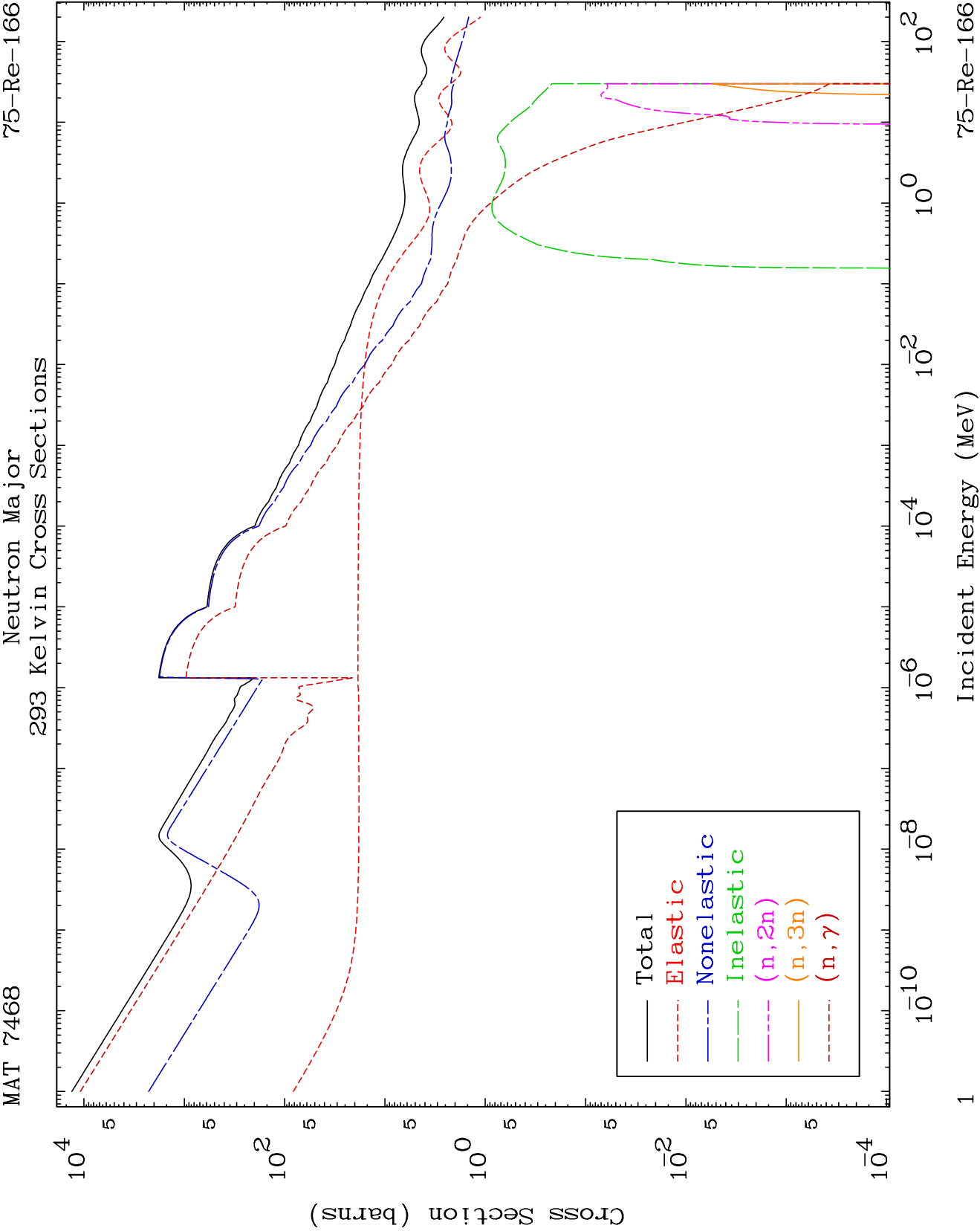
Dermott E. Cullen
(Present Contact Information)

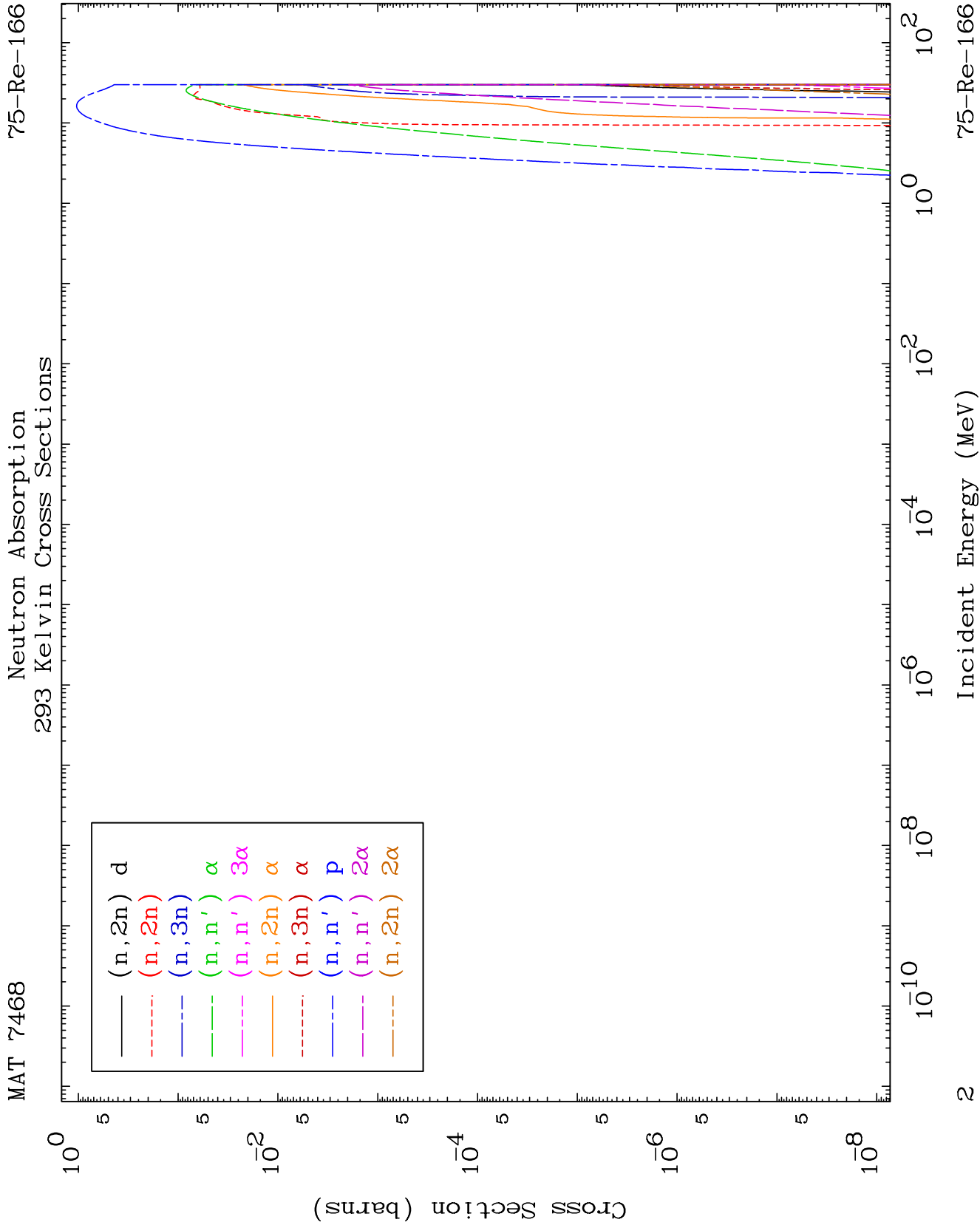
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

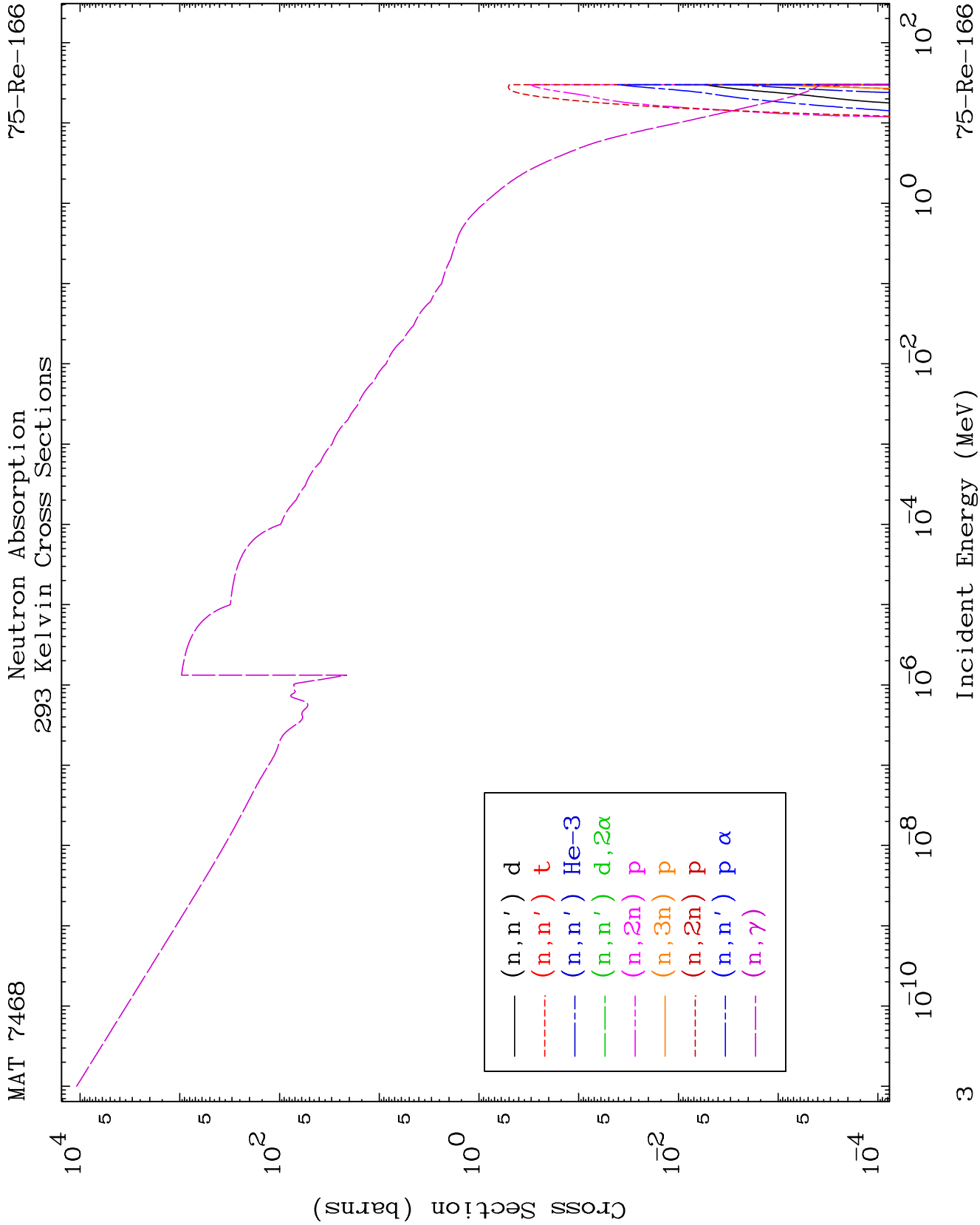
Tele: 925-443-1911

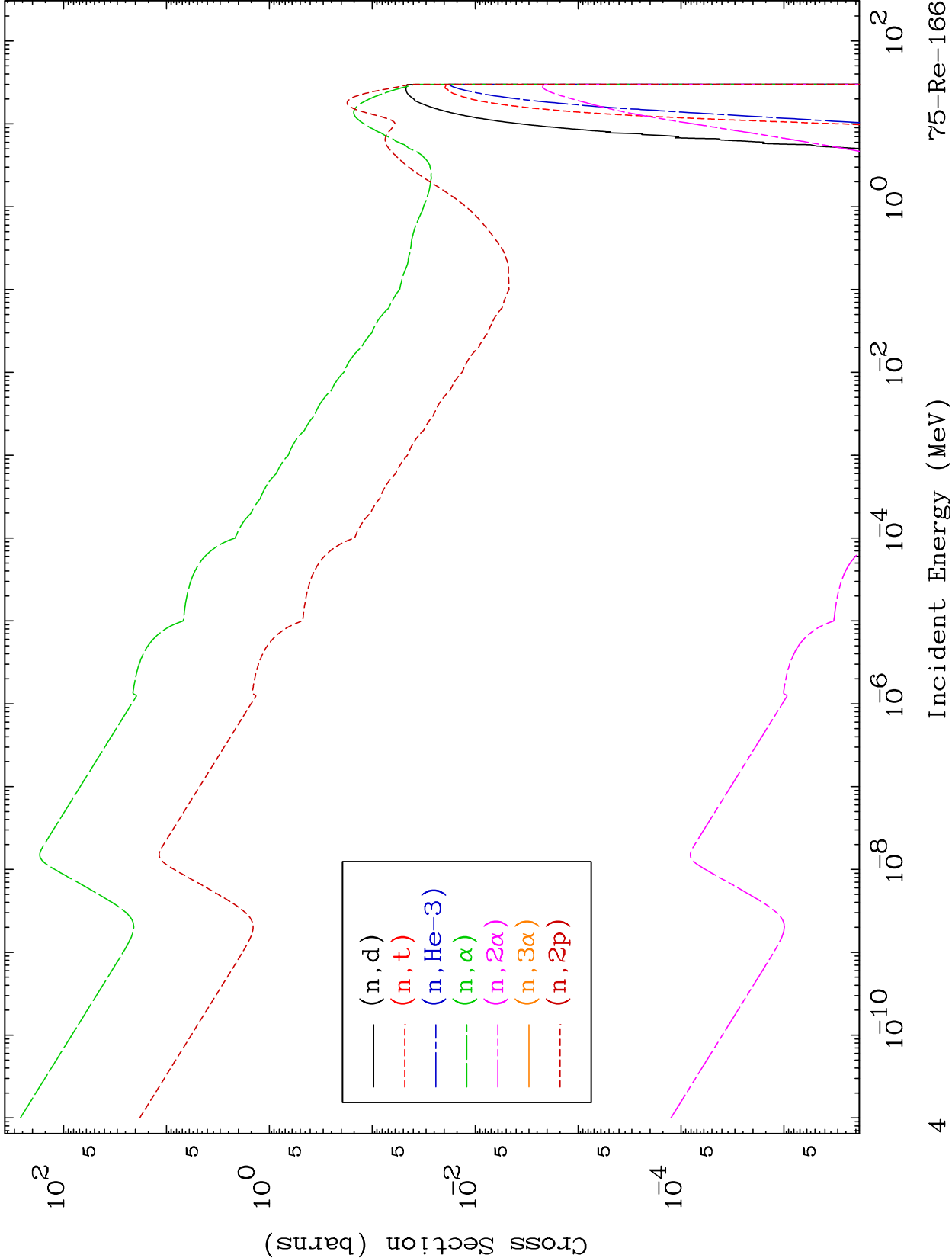
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

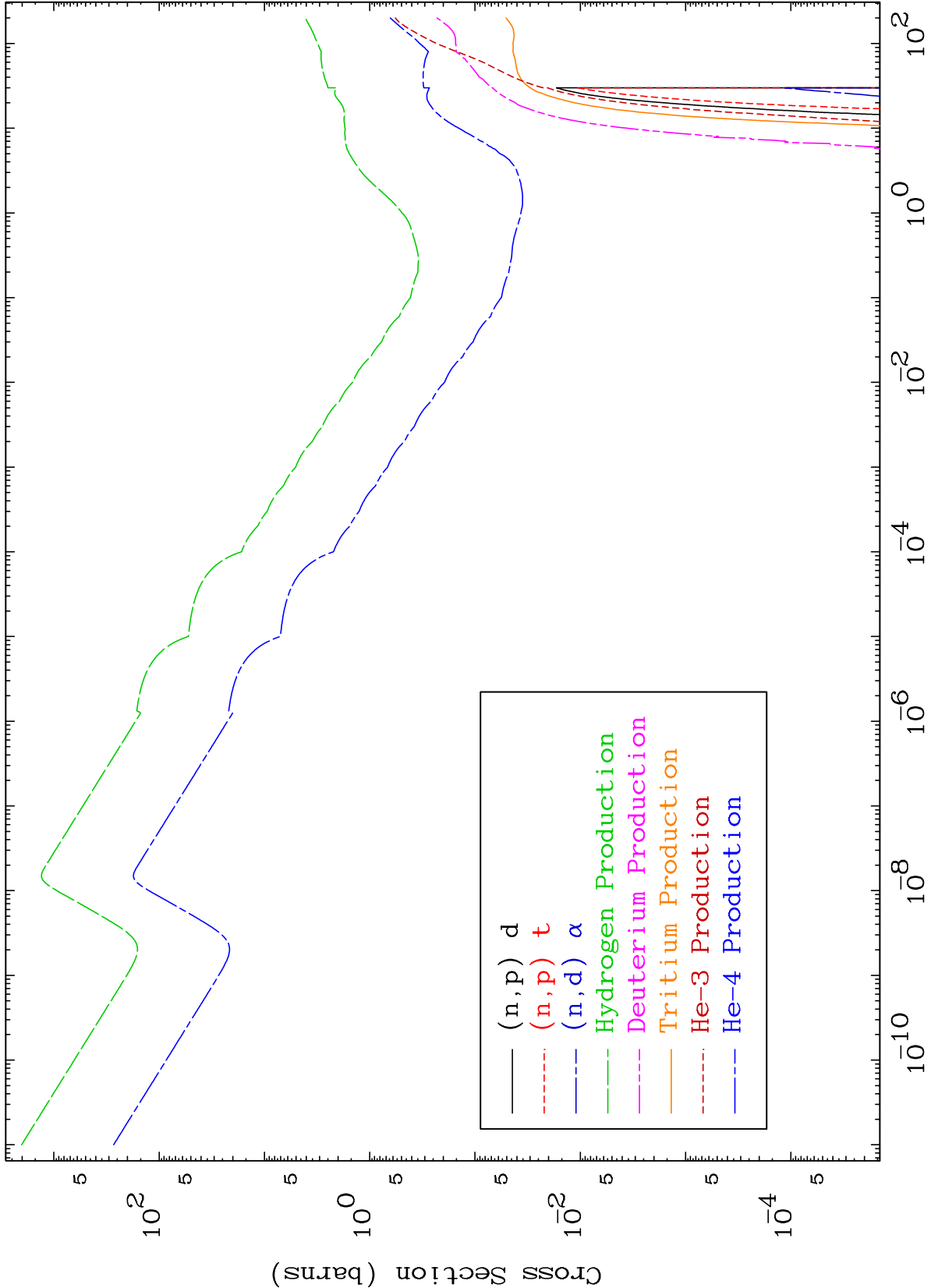
Press Mouse Button to Start

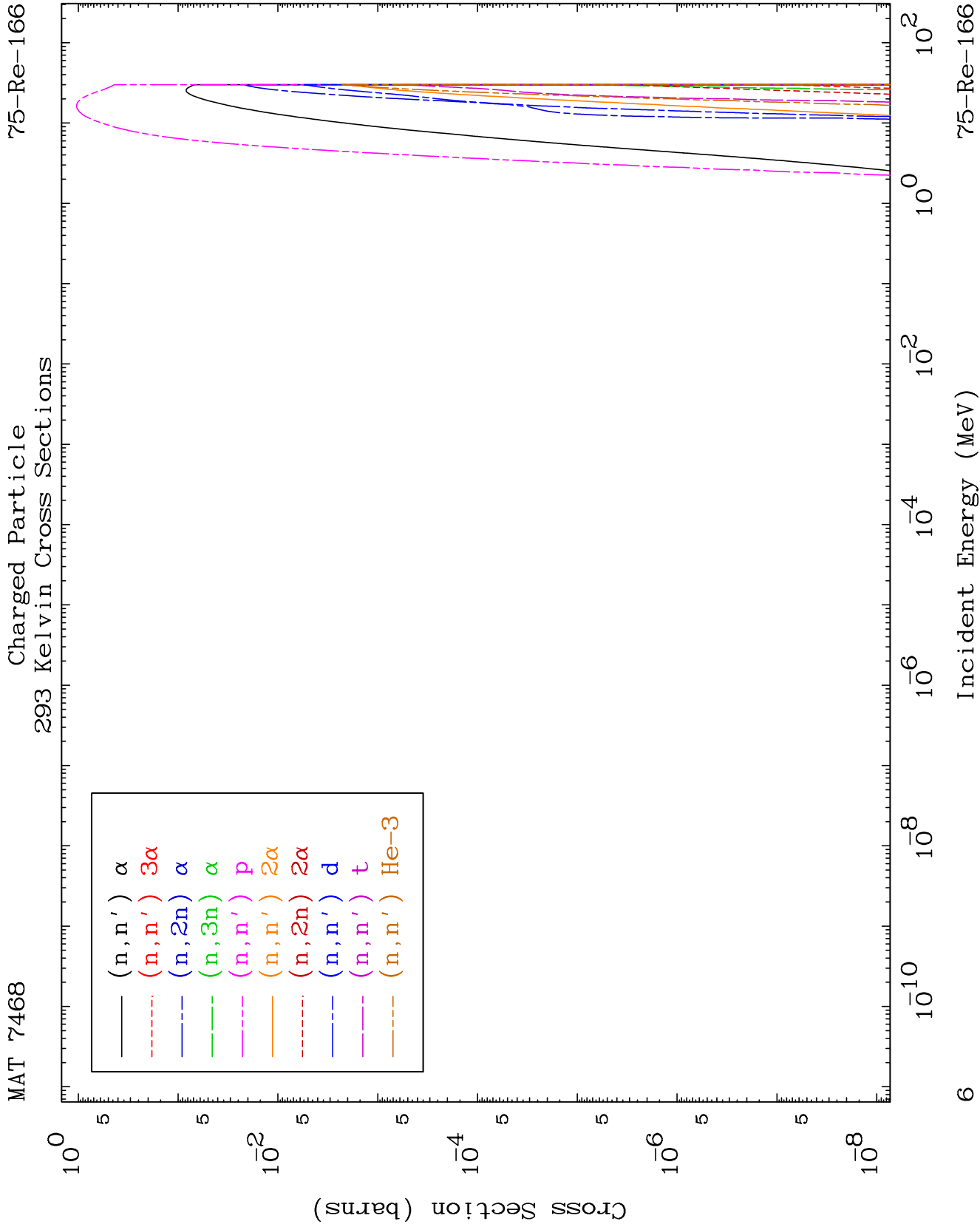


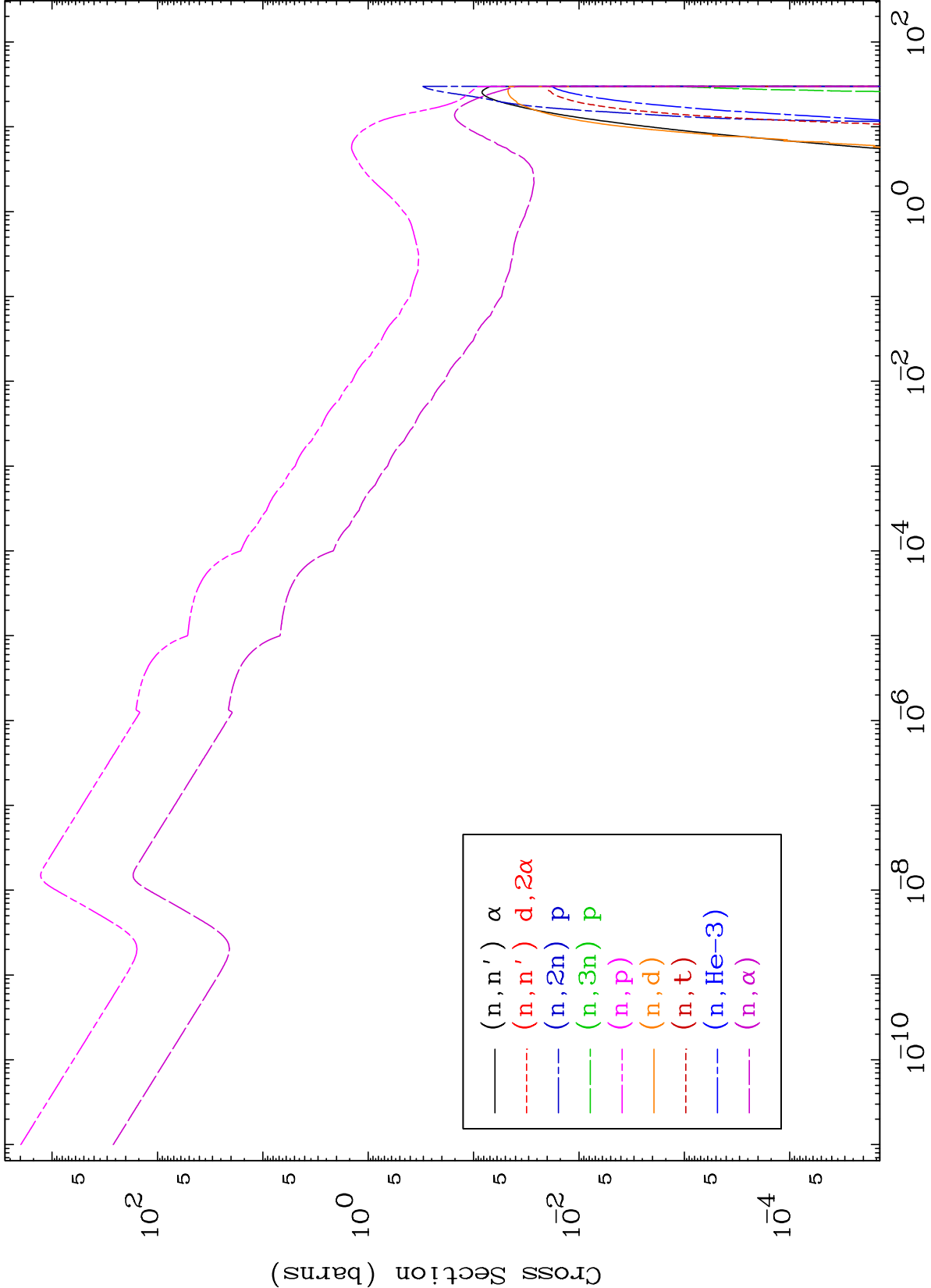


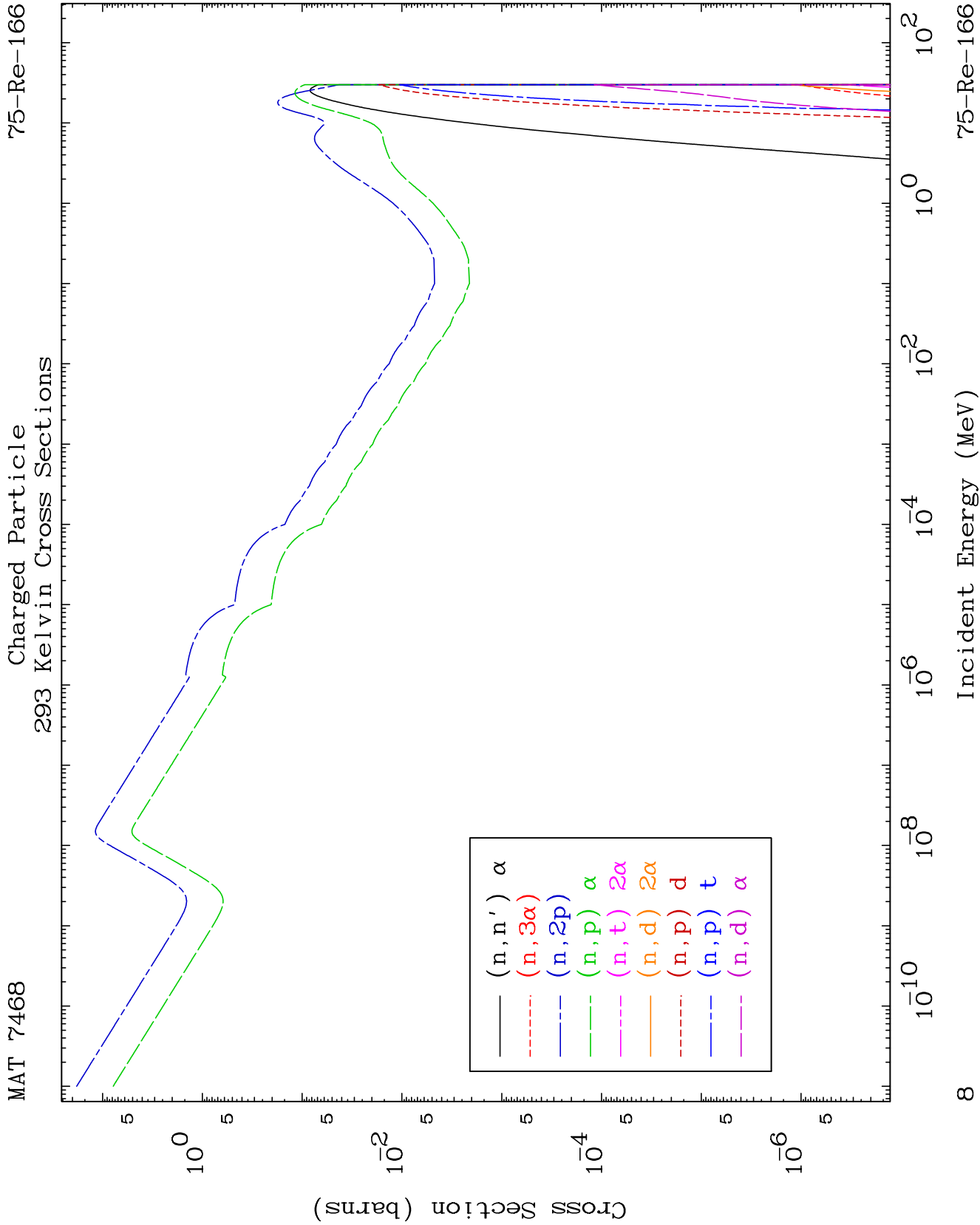


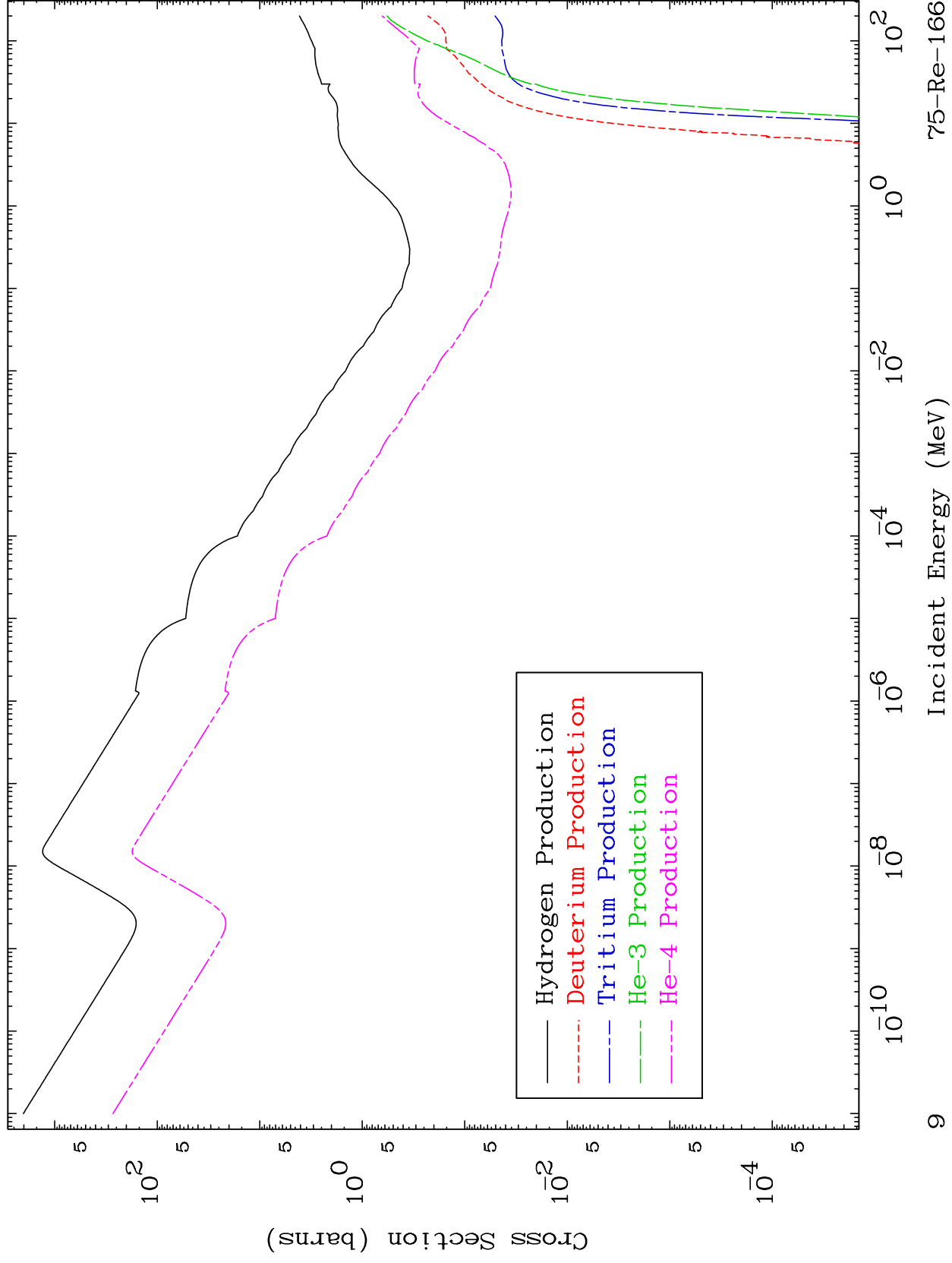


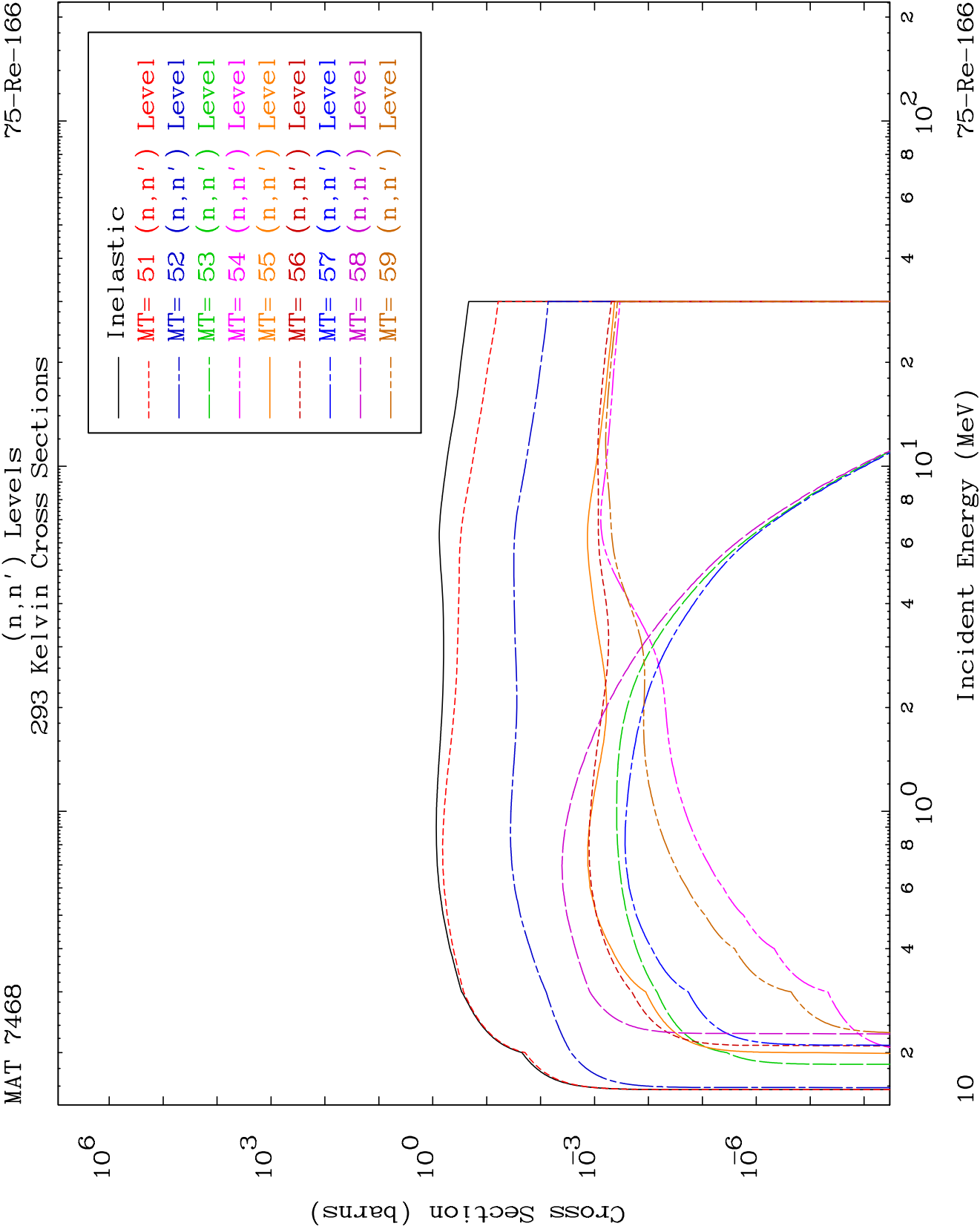


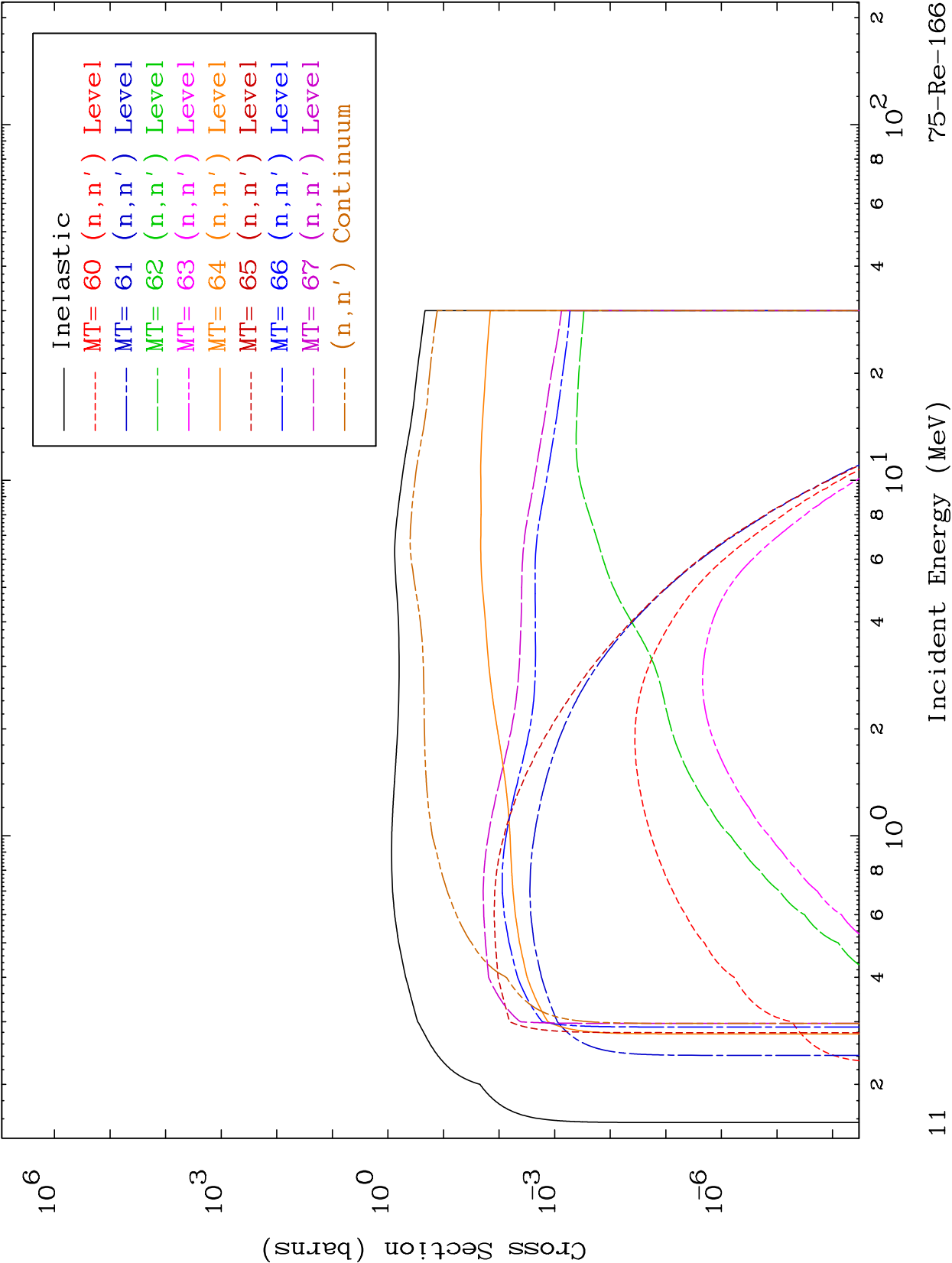








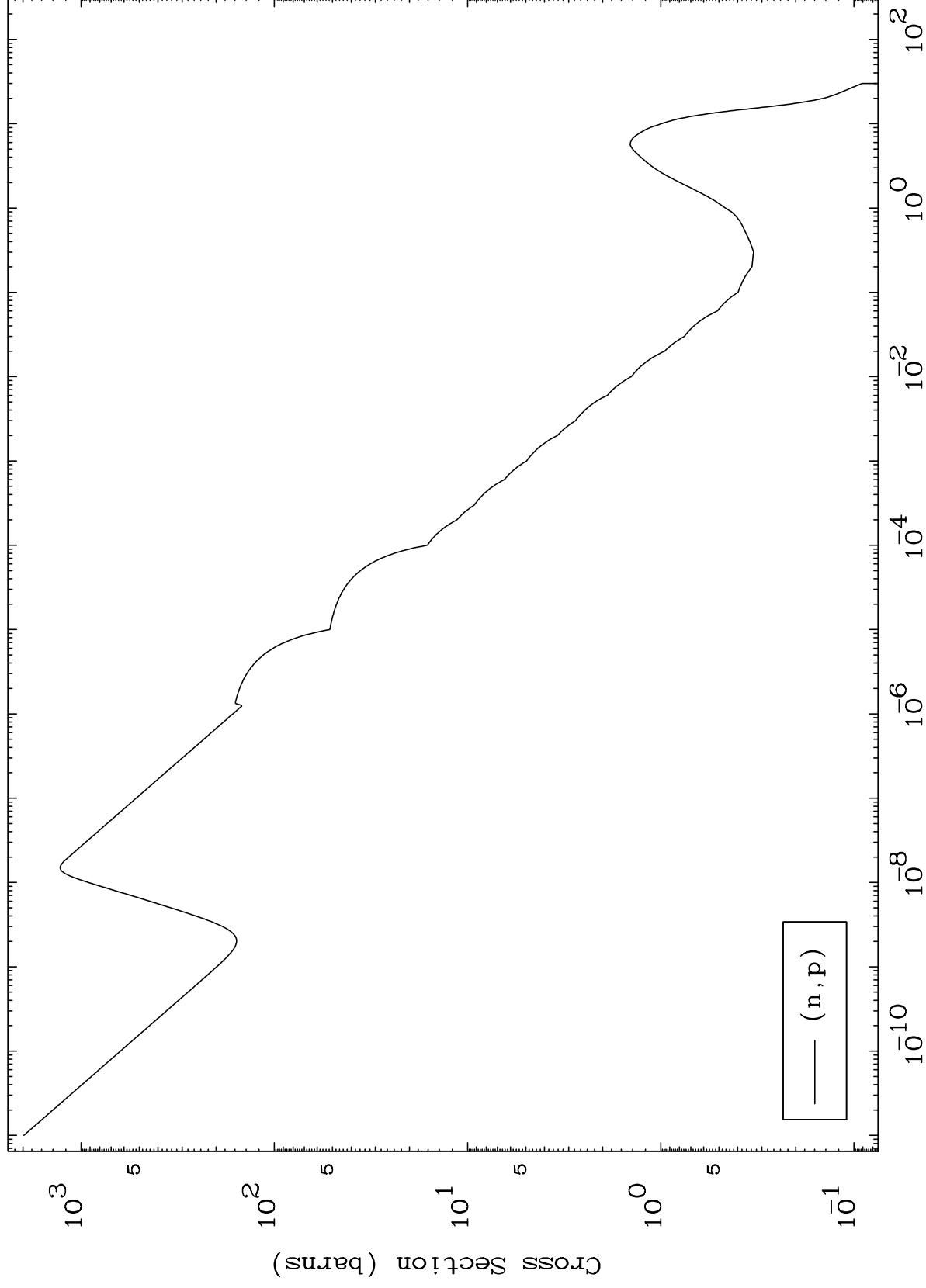




MAT 7468

75-Re-166

(n,p) Levels
293 Kelvin Cross Sections

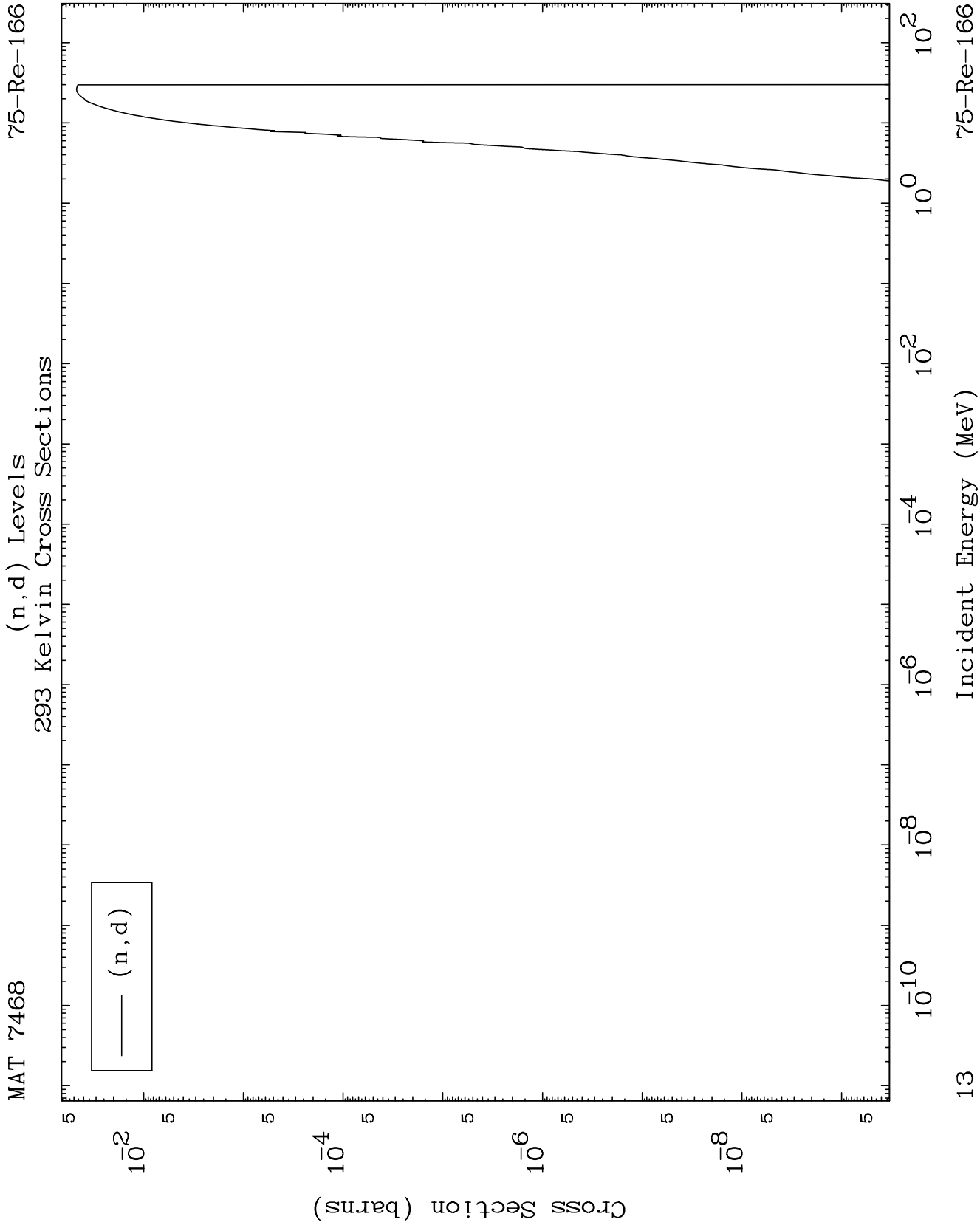


— (n,p)

75-Re-166

Incident Energy (MeV)

12

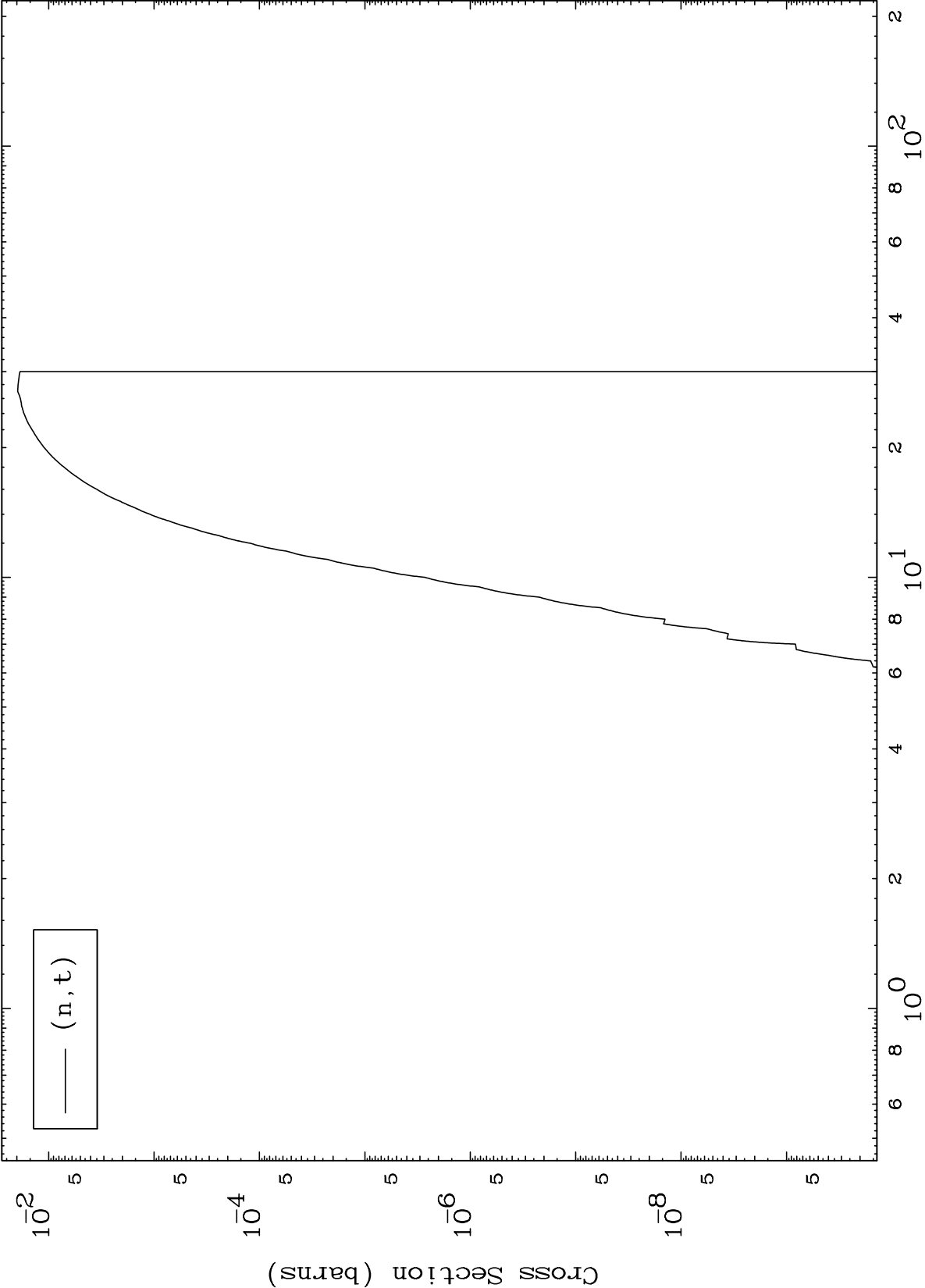


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(n,t) Levels

75-Re-166

293 Kelvin Cross Sections



14

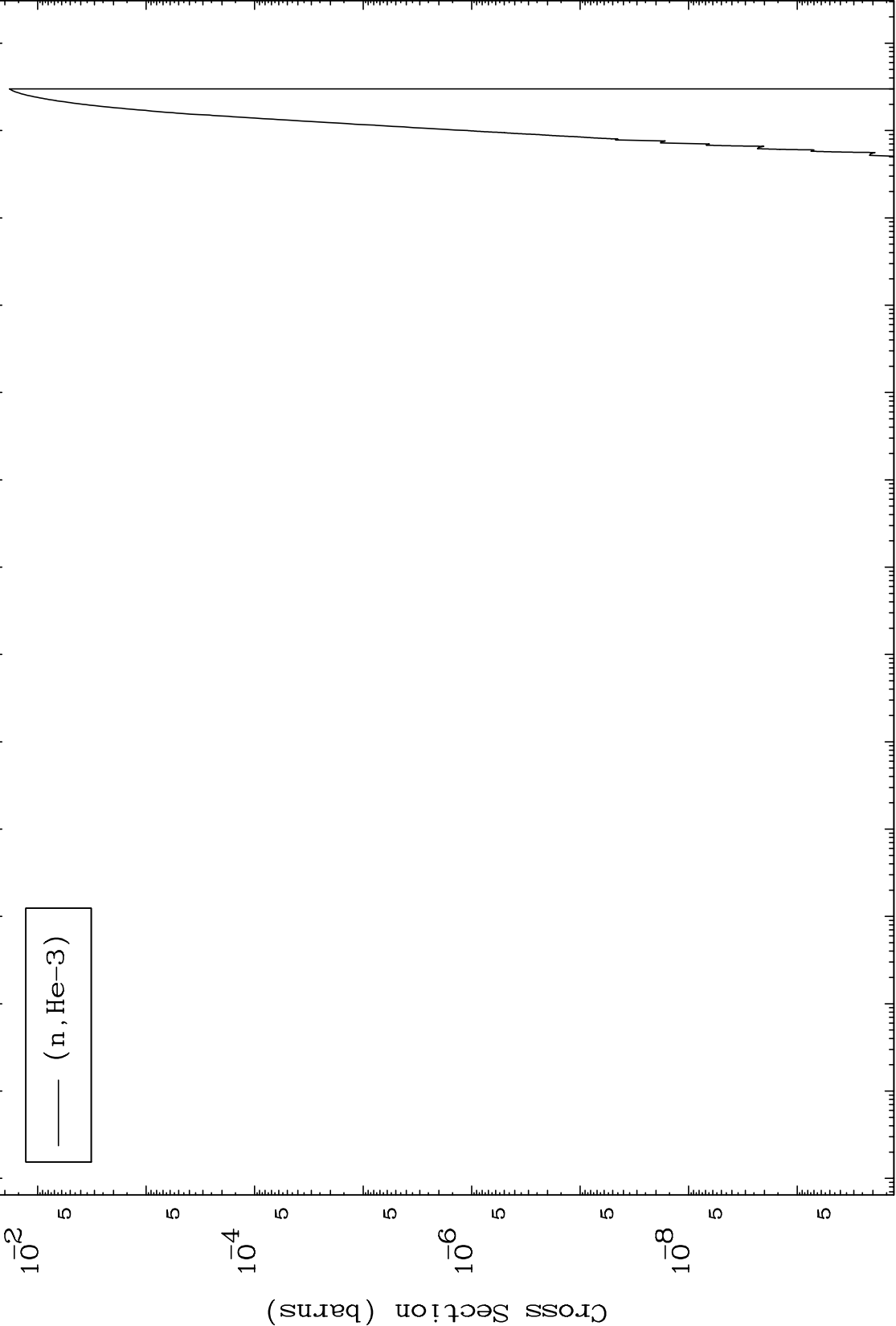
Incident Energy (MeV)

75-Re-166

MAT 7468

(n,He3) Levels
293 Kelvin Cross Sections

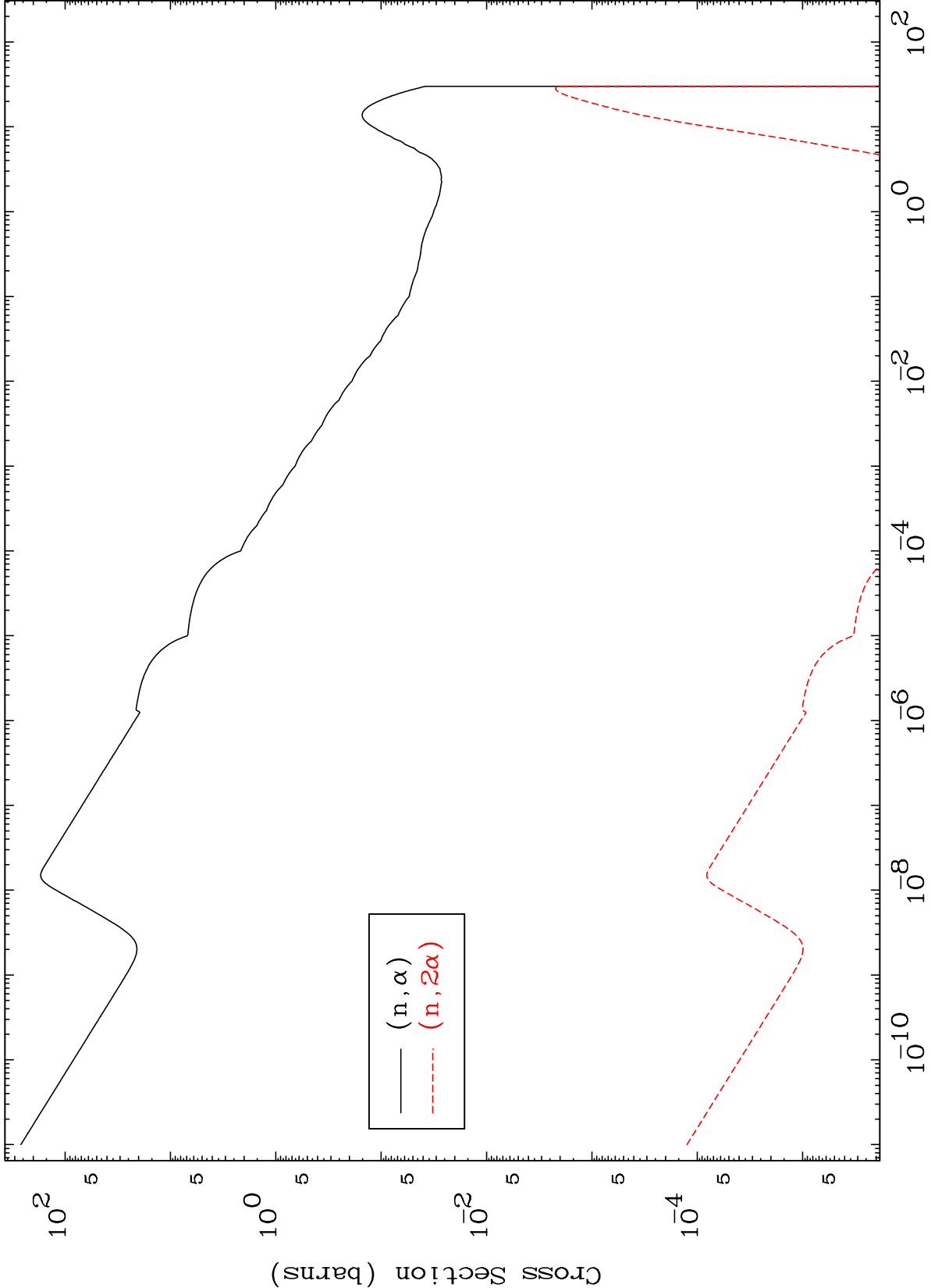
75-Re-166

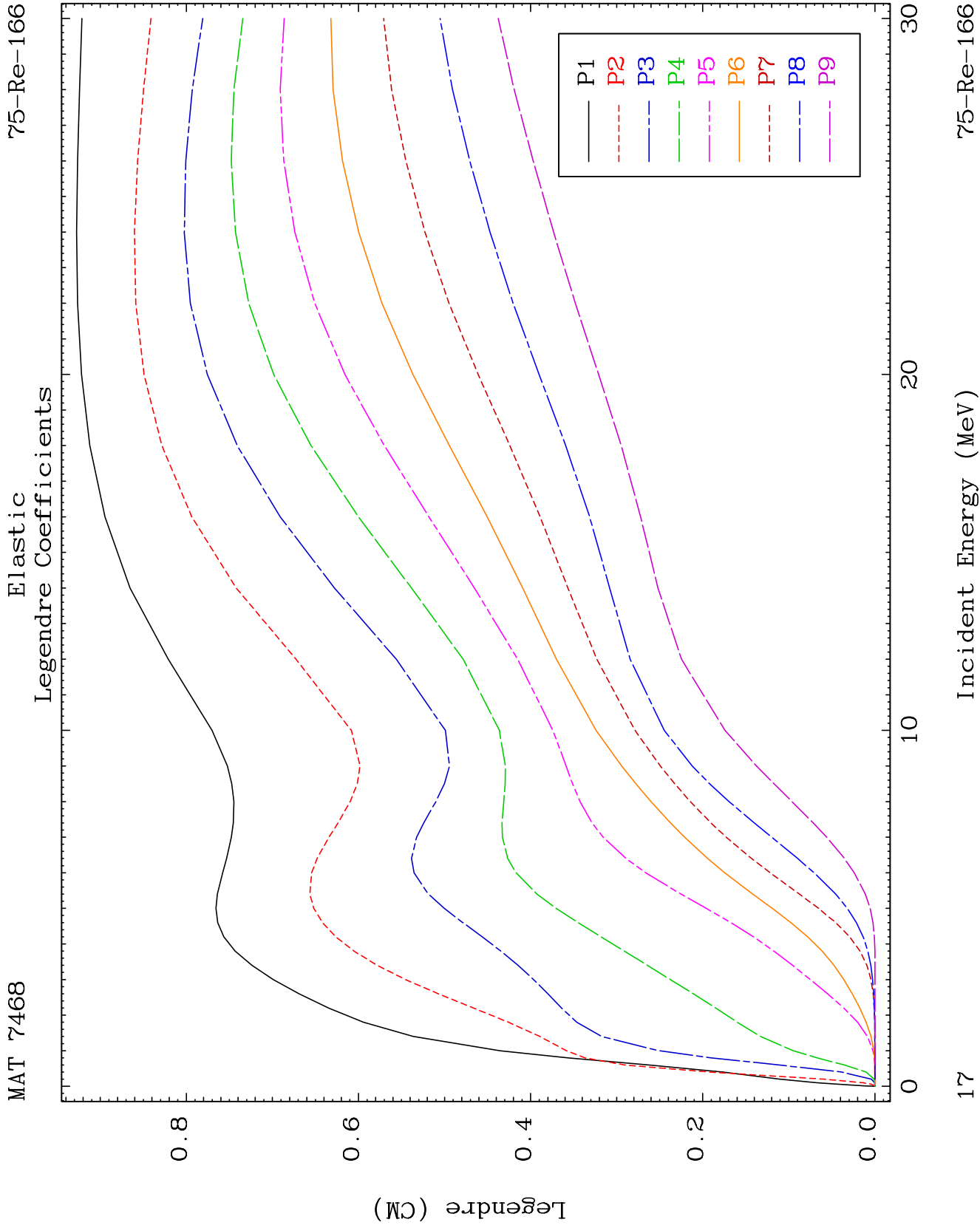


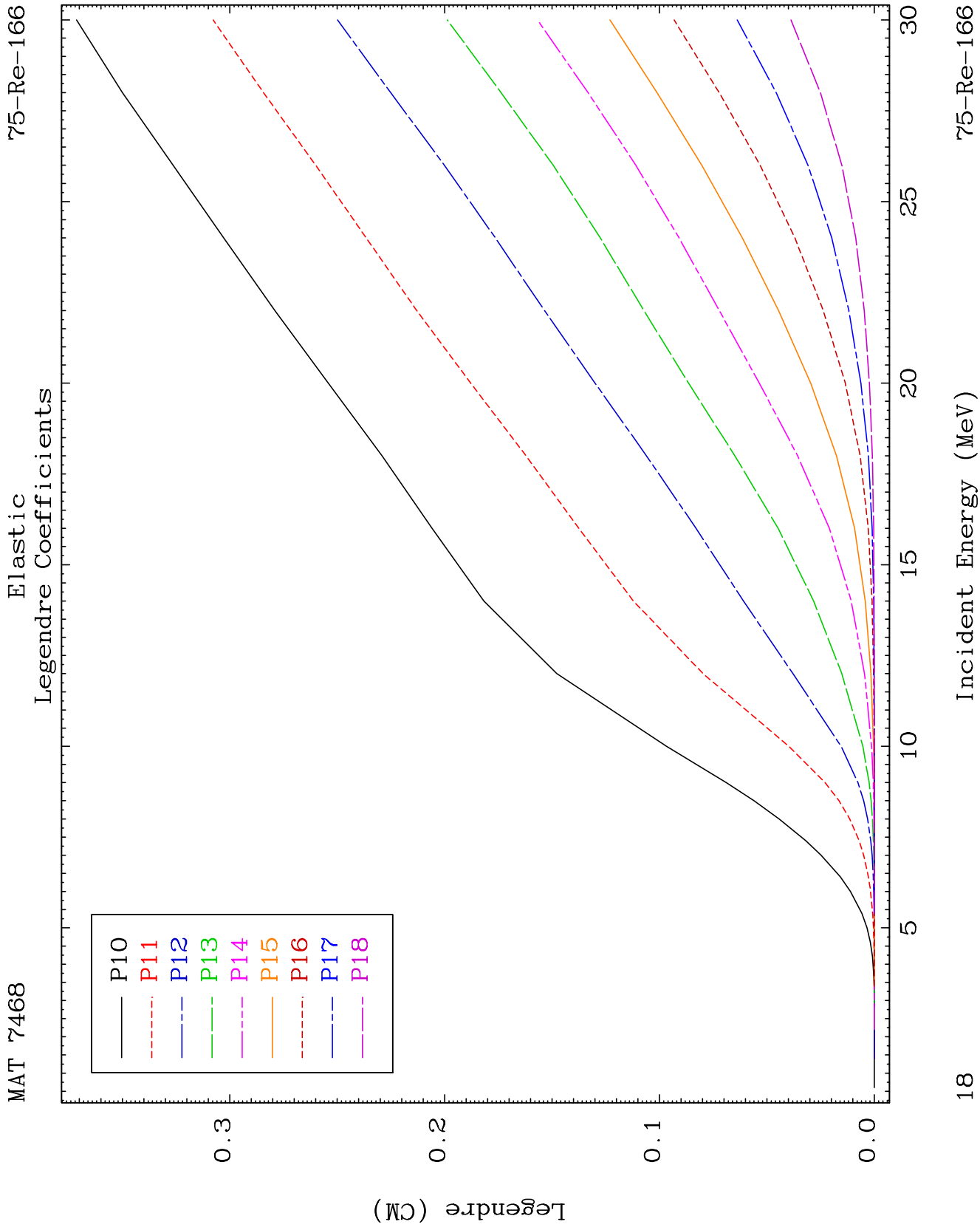
15

Incident Energy (MeV)

75-Re-166



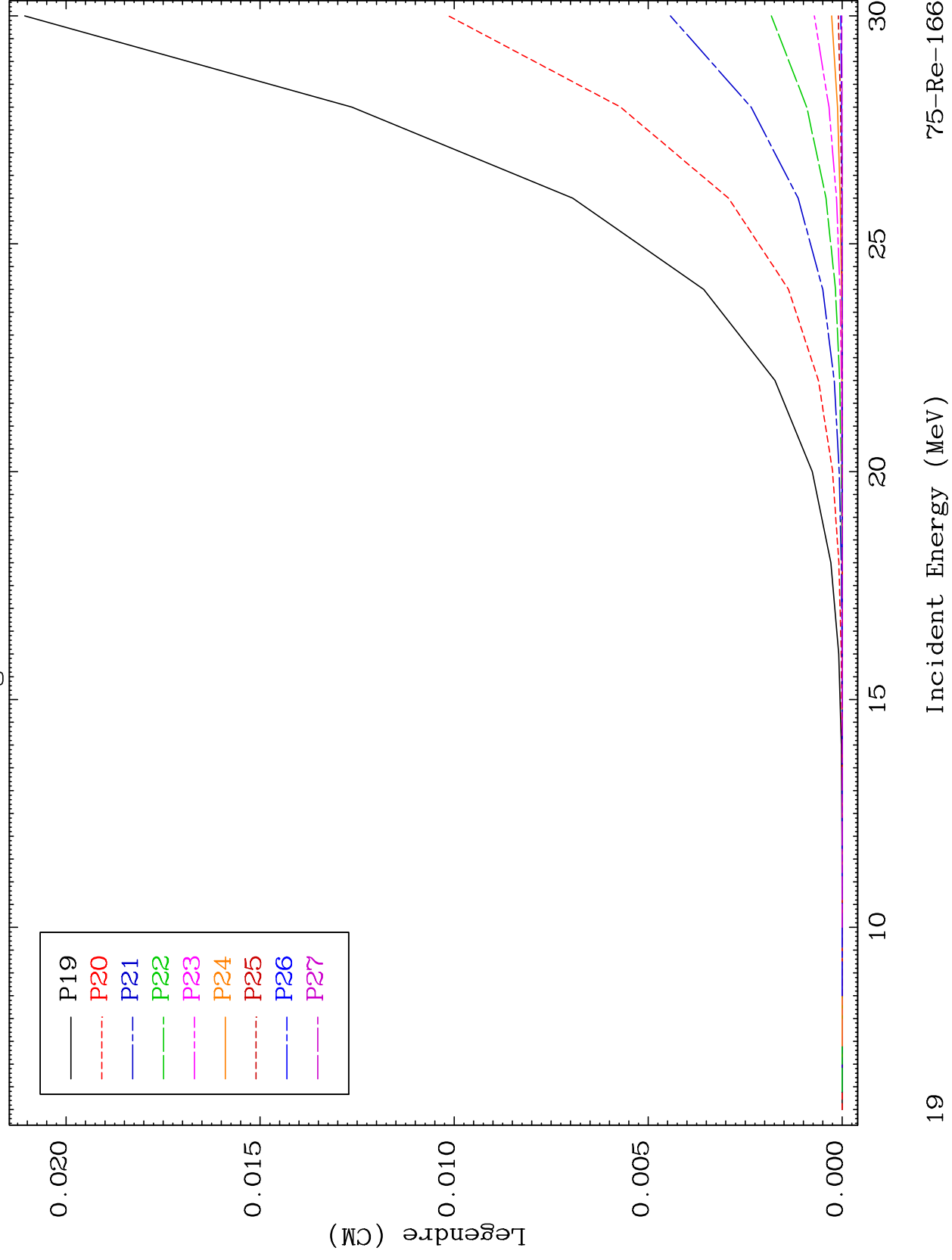


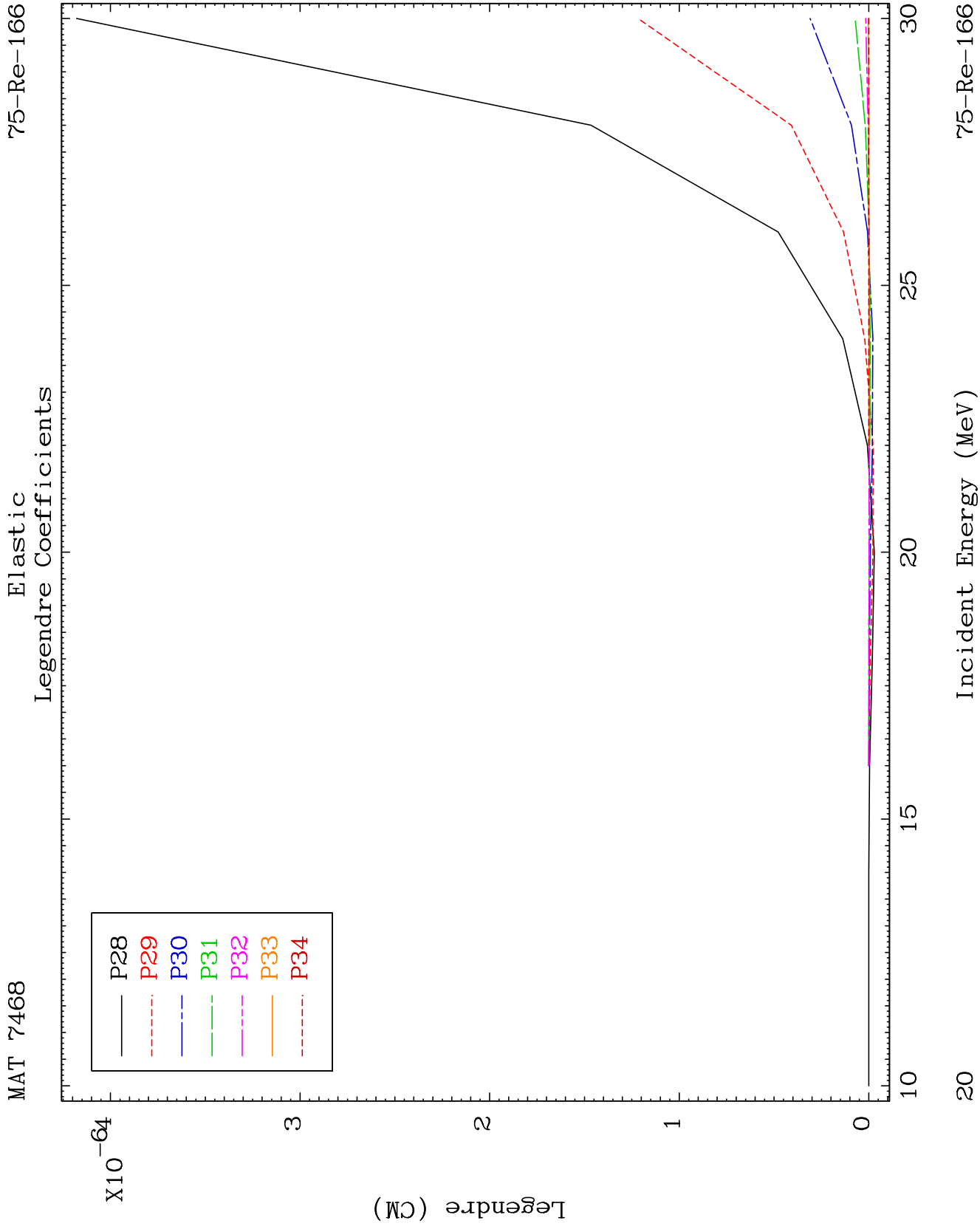


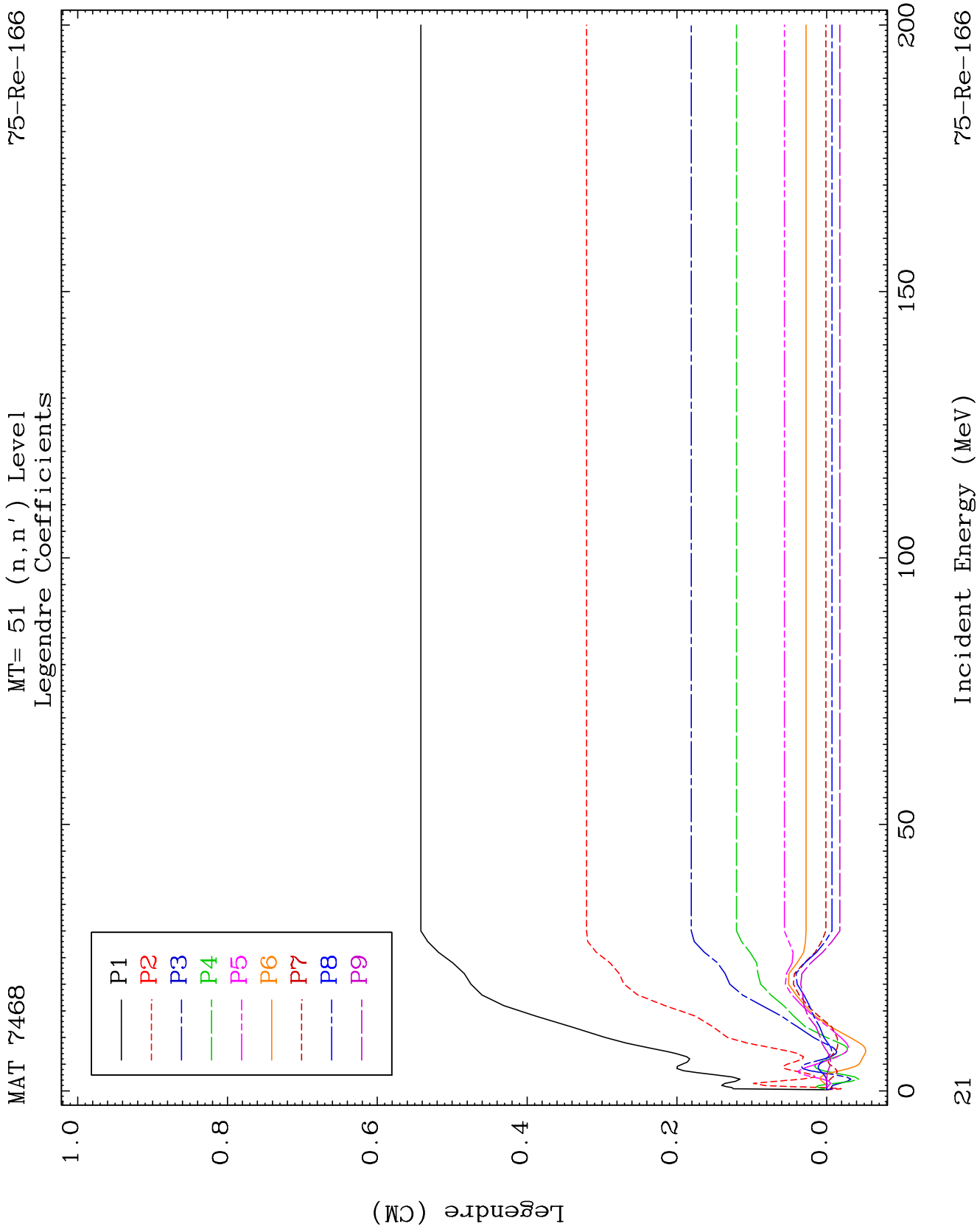
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Elastic Legendre Coefficients

75-Re-166



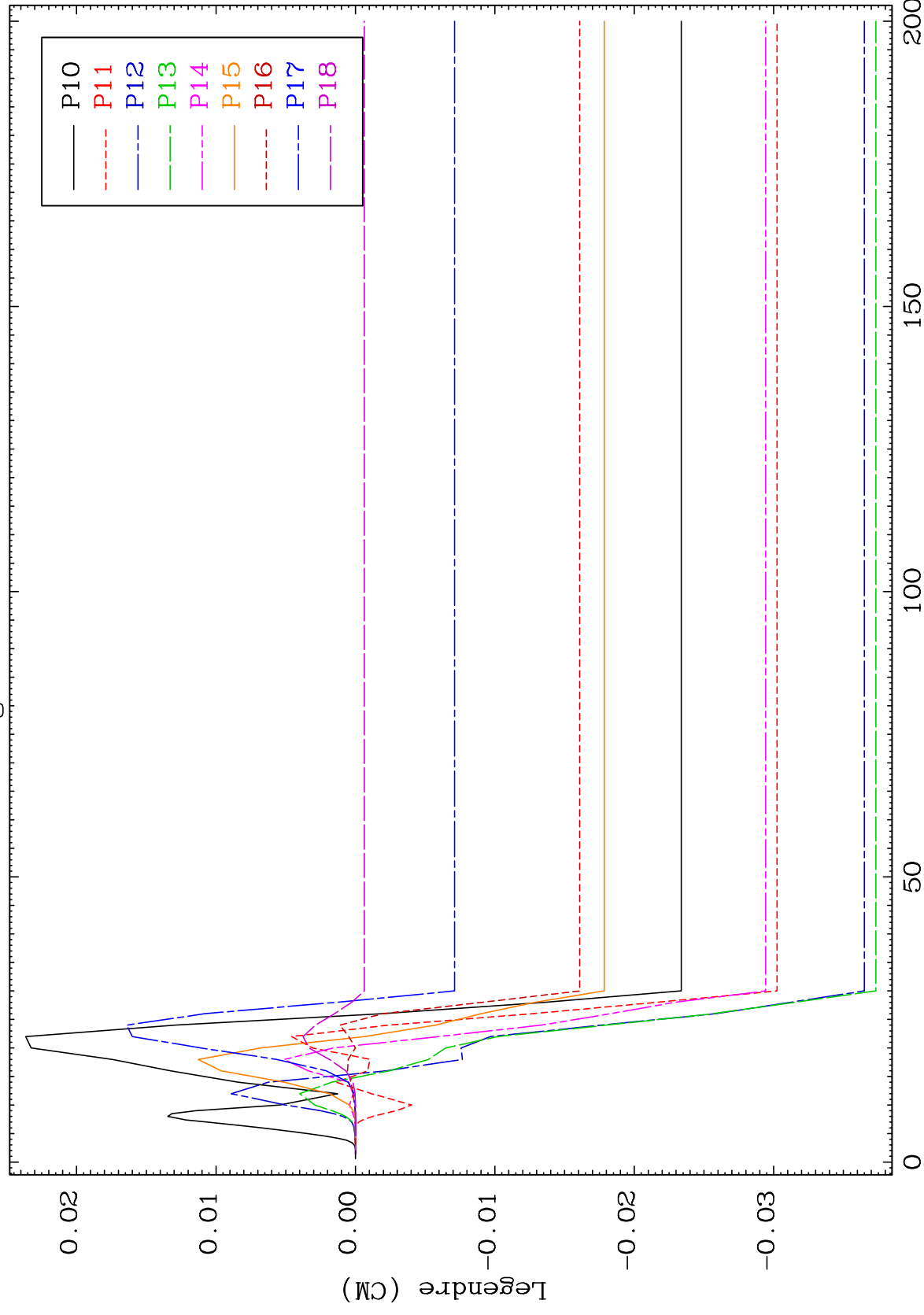




MAT 7468

MT= 51 (n, n') Level
Legendre Coefficients

75-Re-166



22

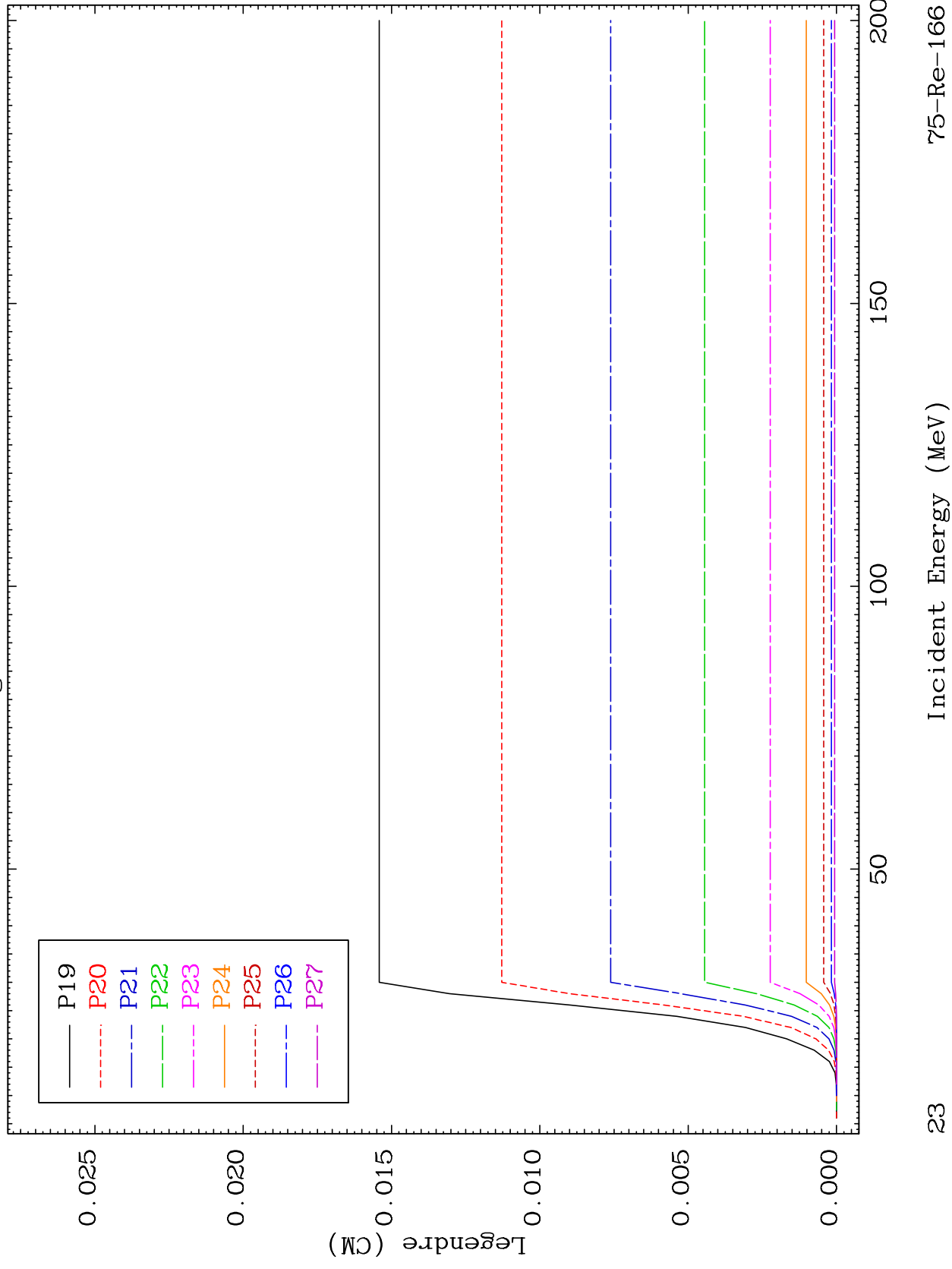
Incident Energy (MeV)

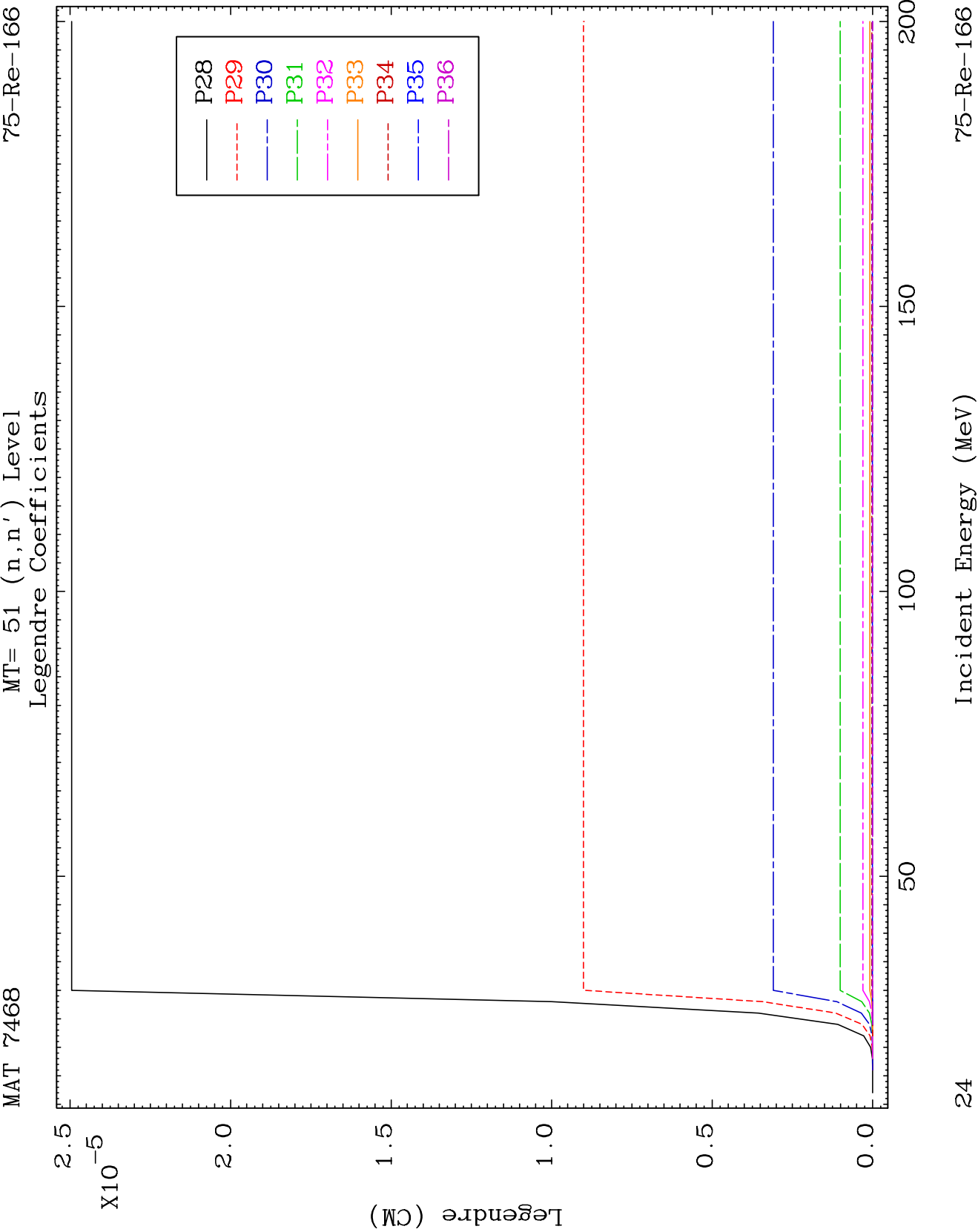
75-Re-166

MAT 7468

MT= 51 (n, n') Level
Legendre Coefficients

75-Re-166

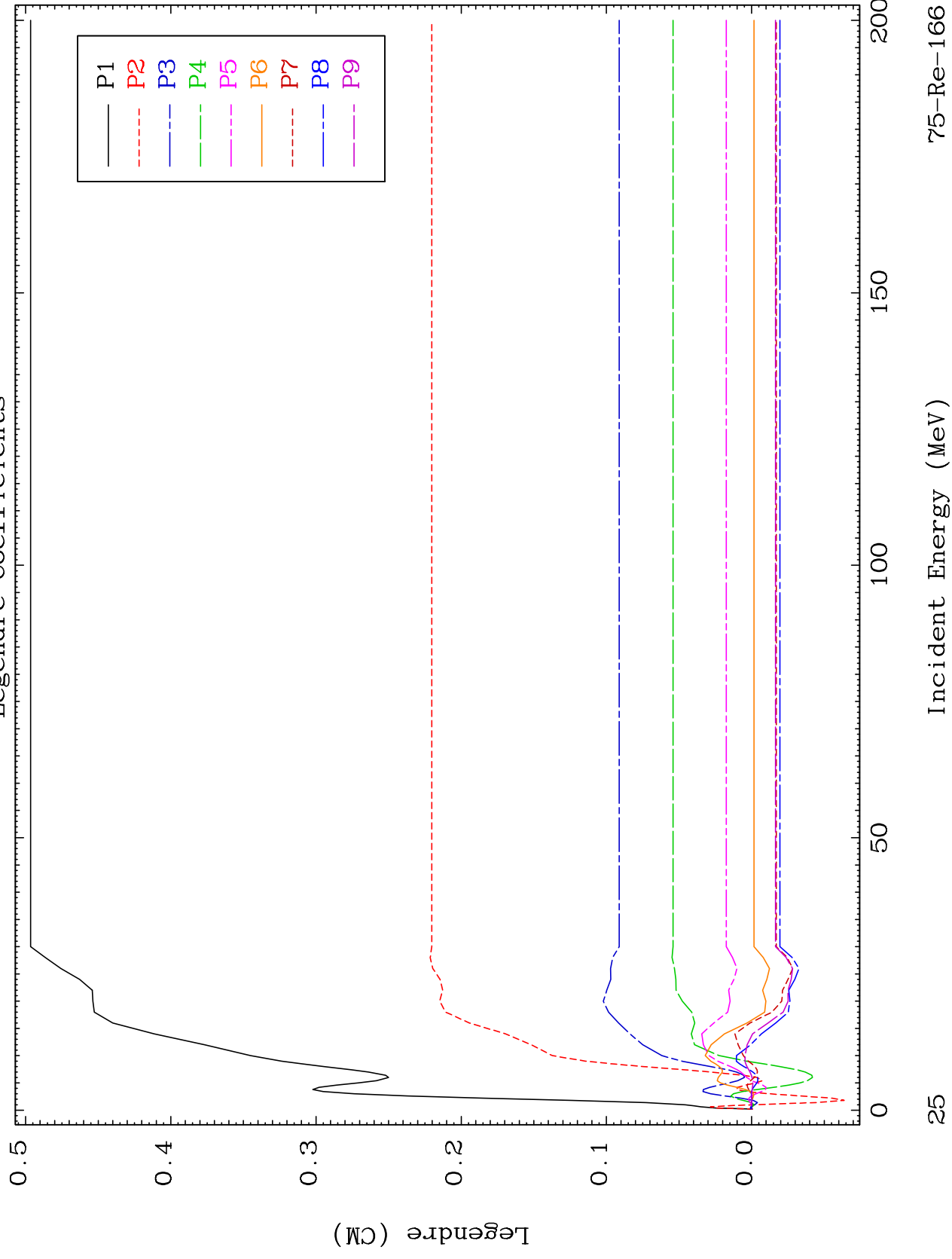




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MT= 52 (n, n') Level
Legendre Coefficients

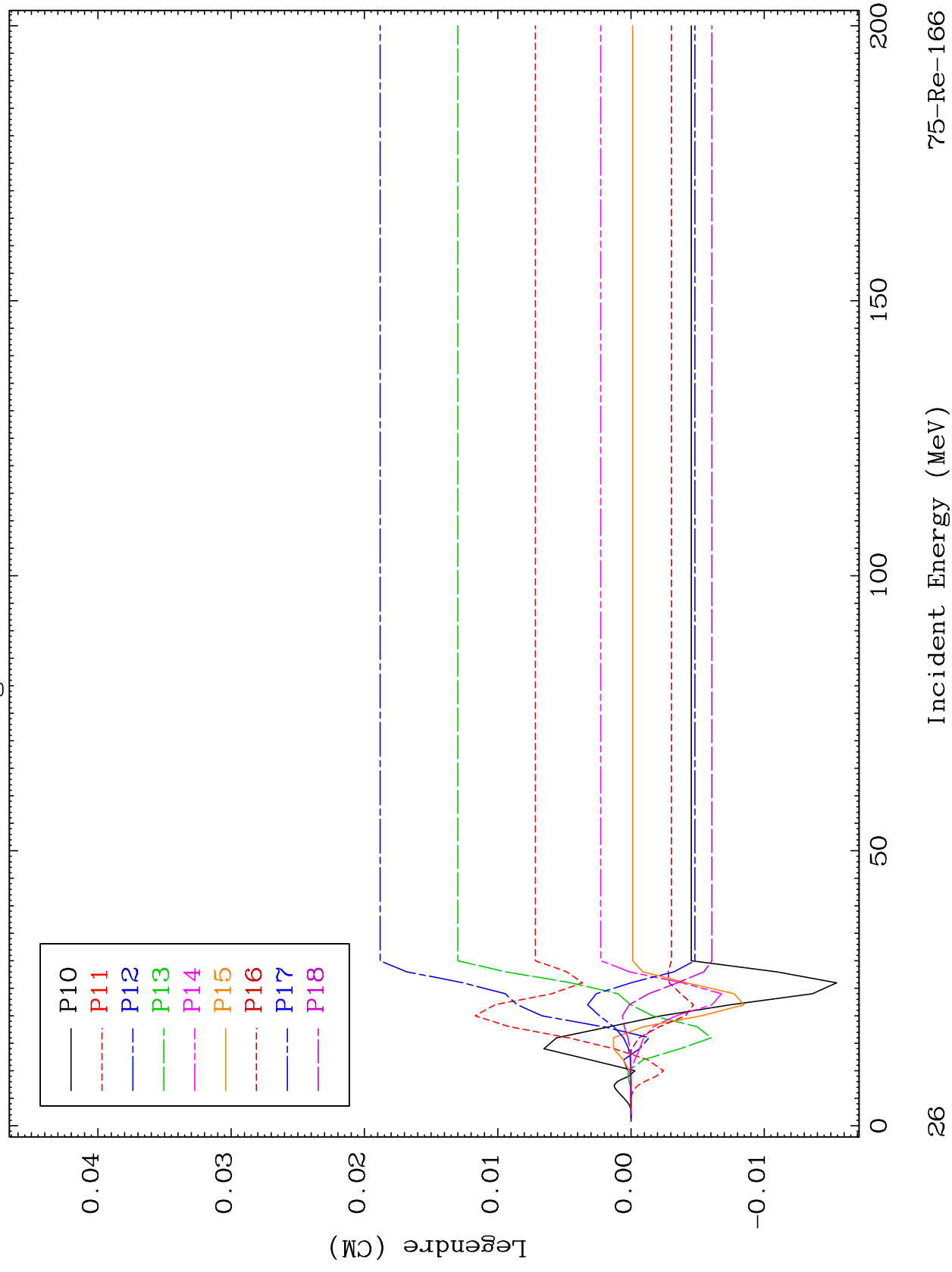
75-Re-166

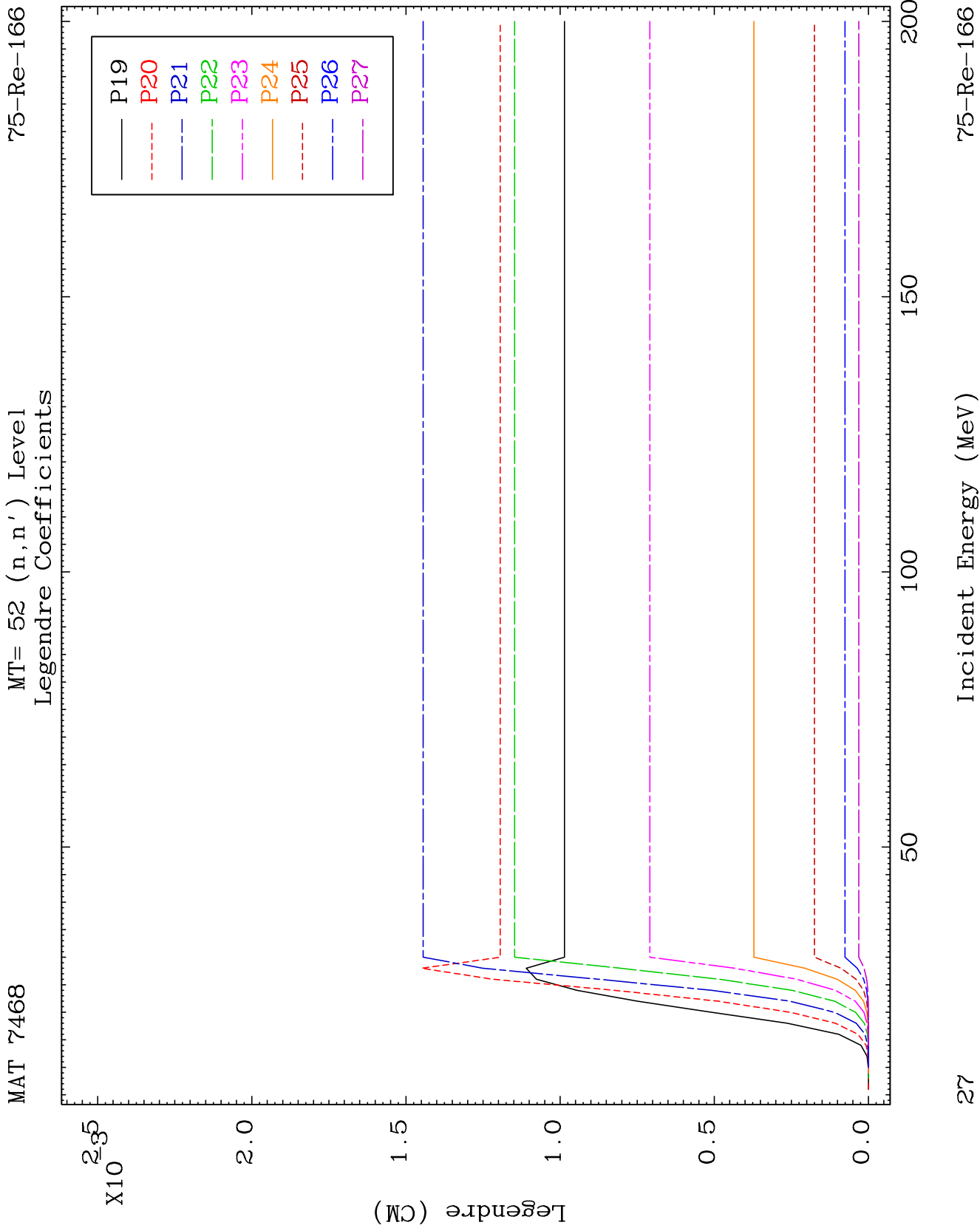


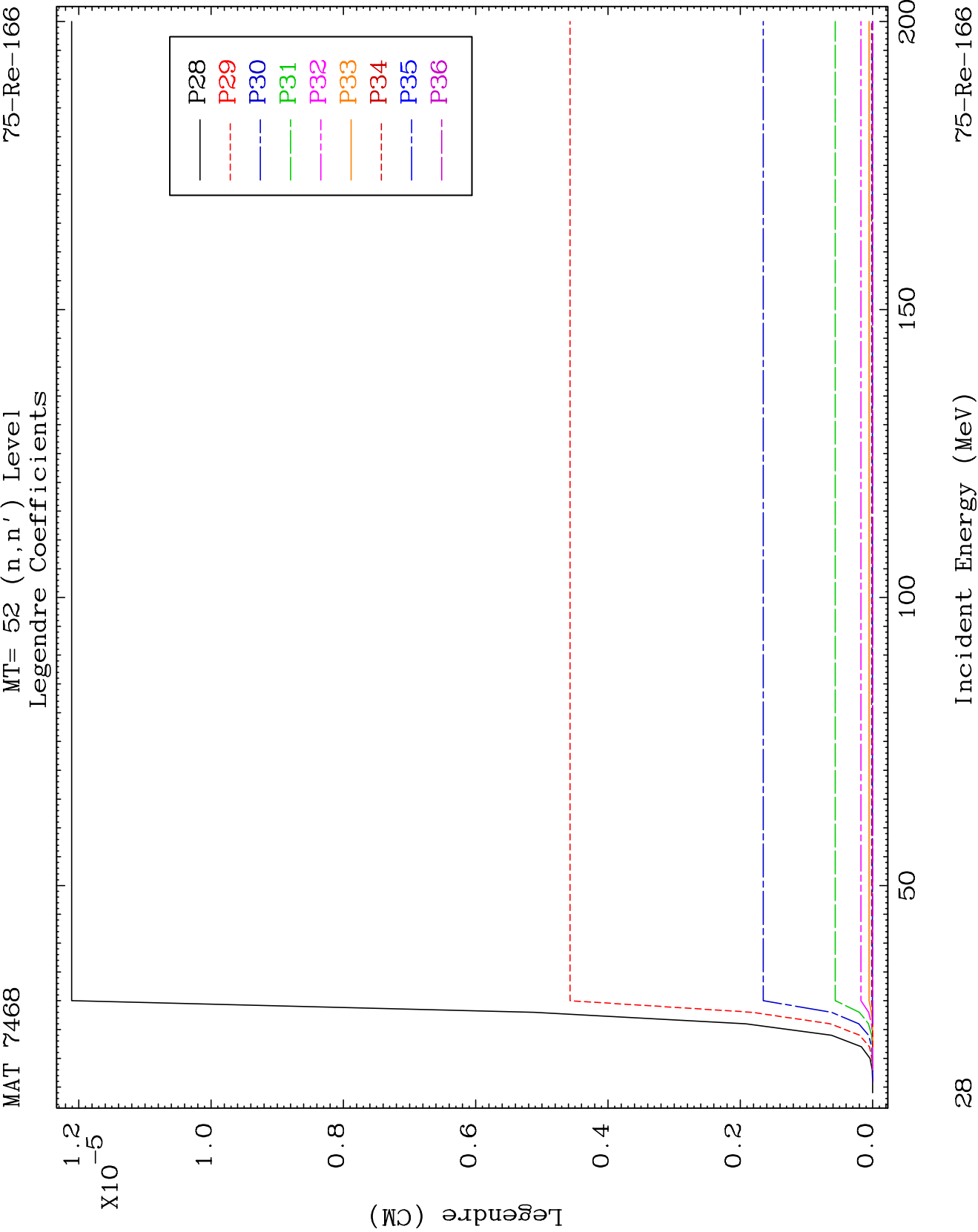
MAT 7468

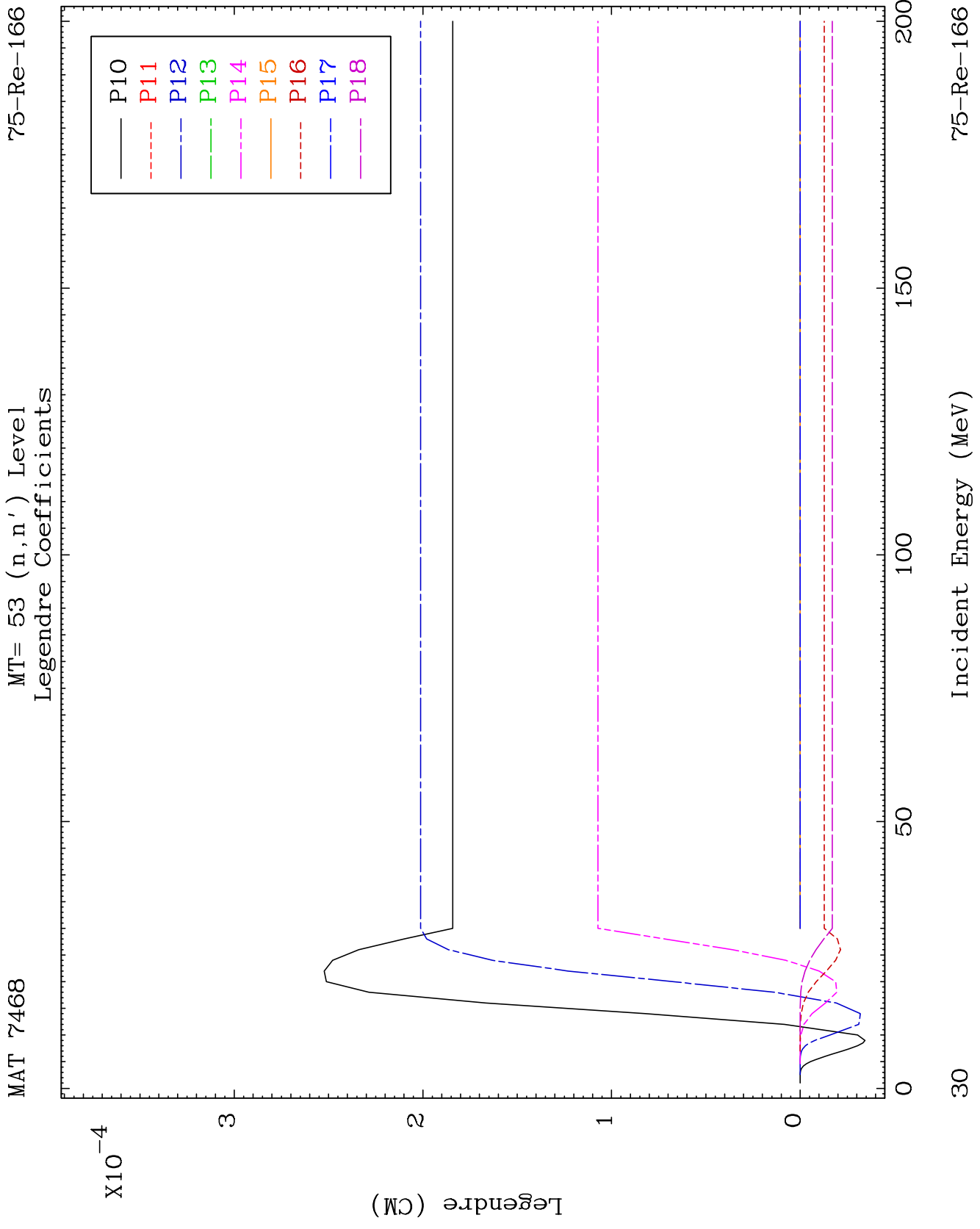
MT= 52 (n, n') Level
Legendre Coefficients

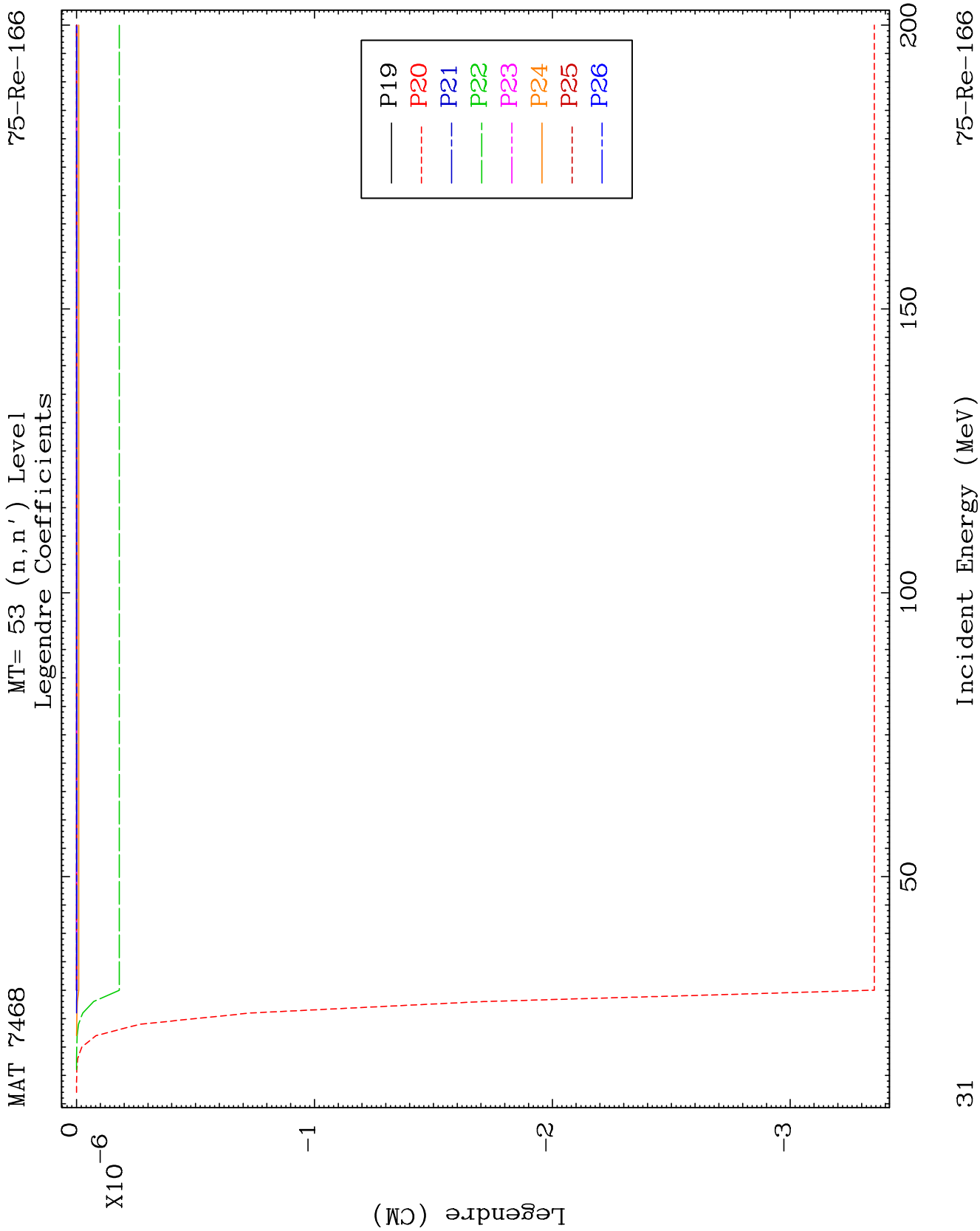
75-Re-166







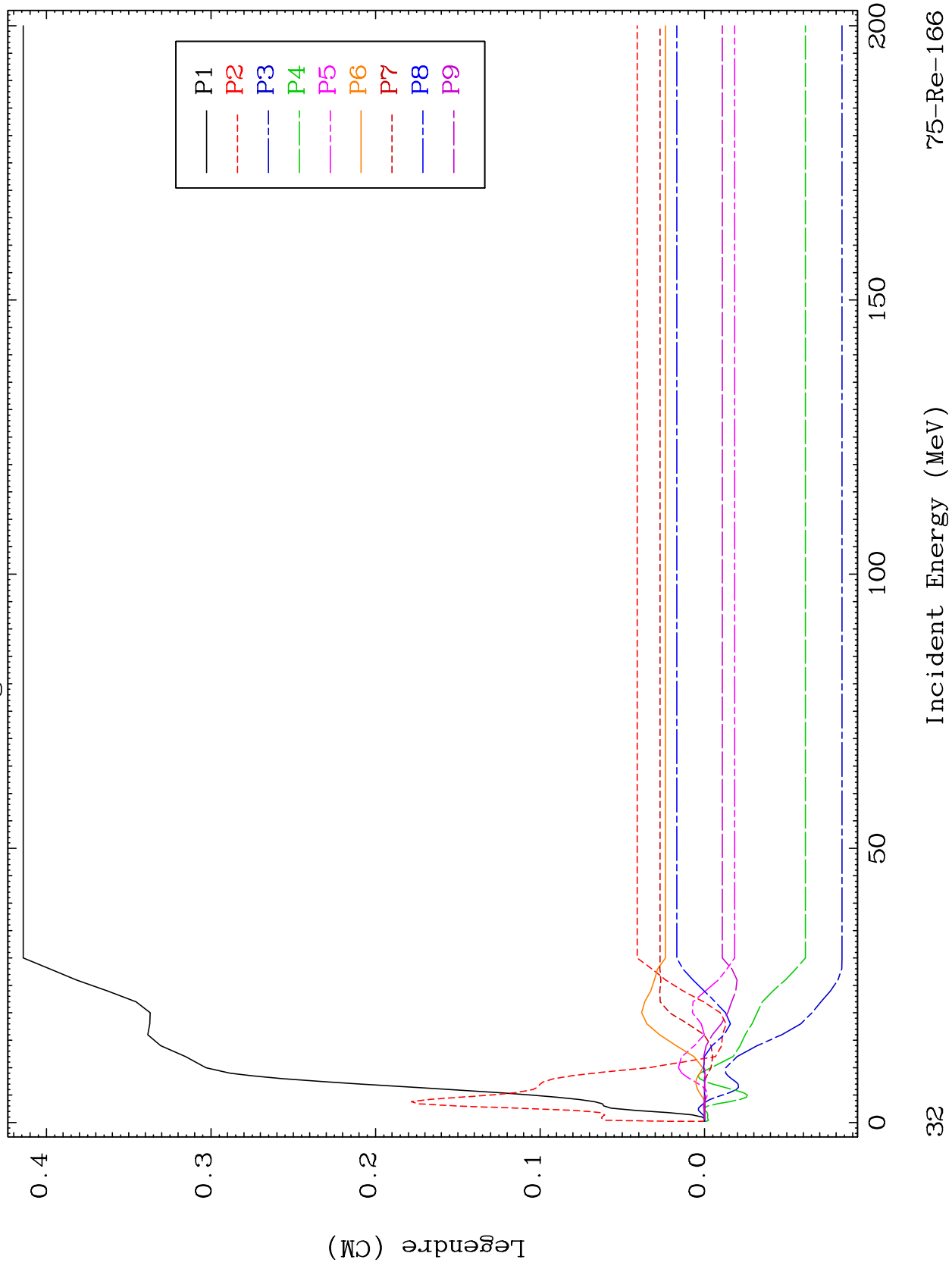


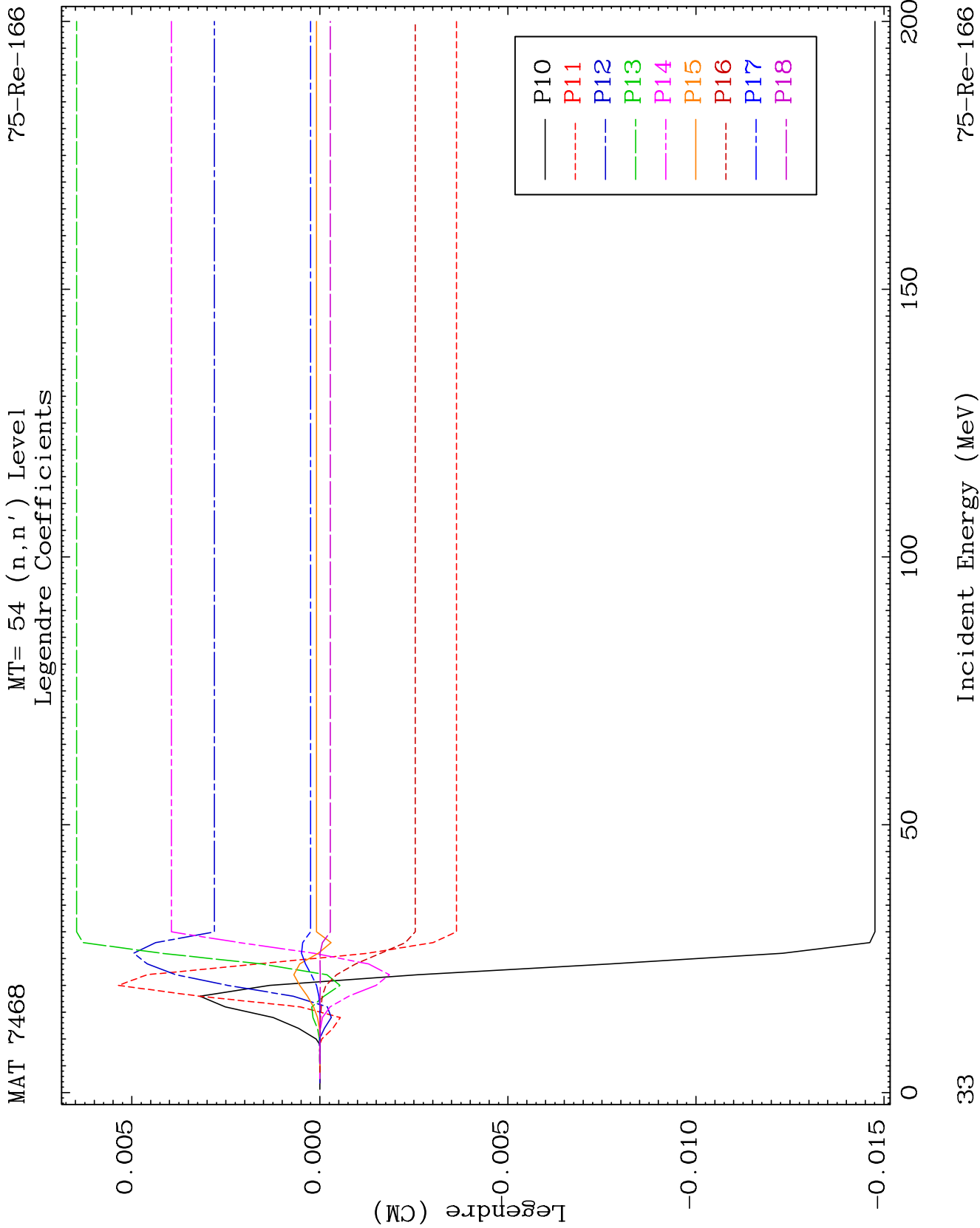


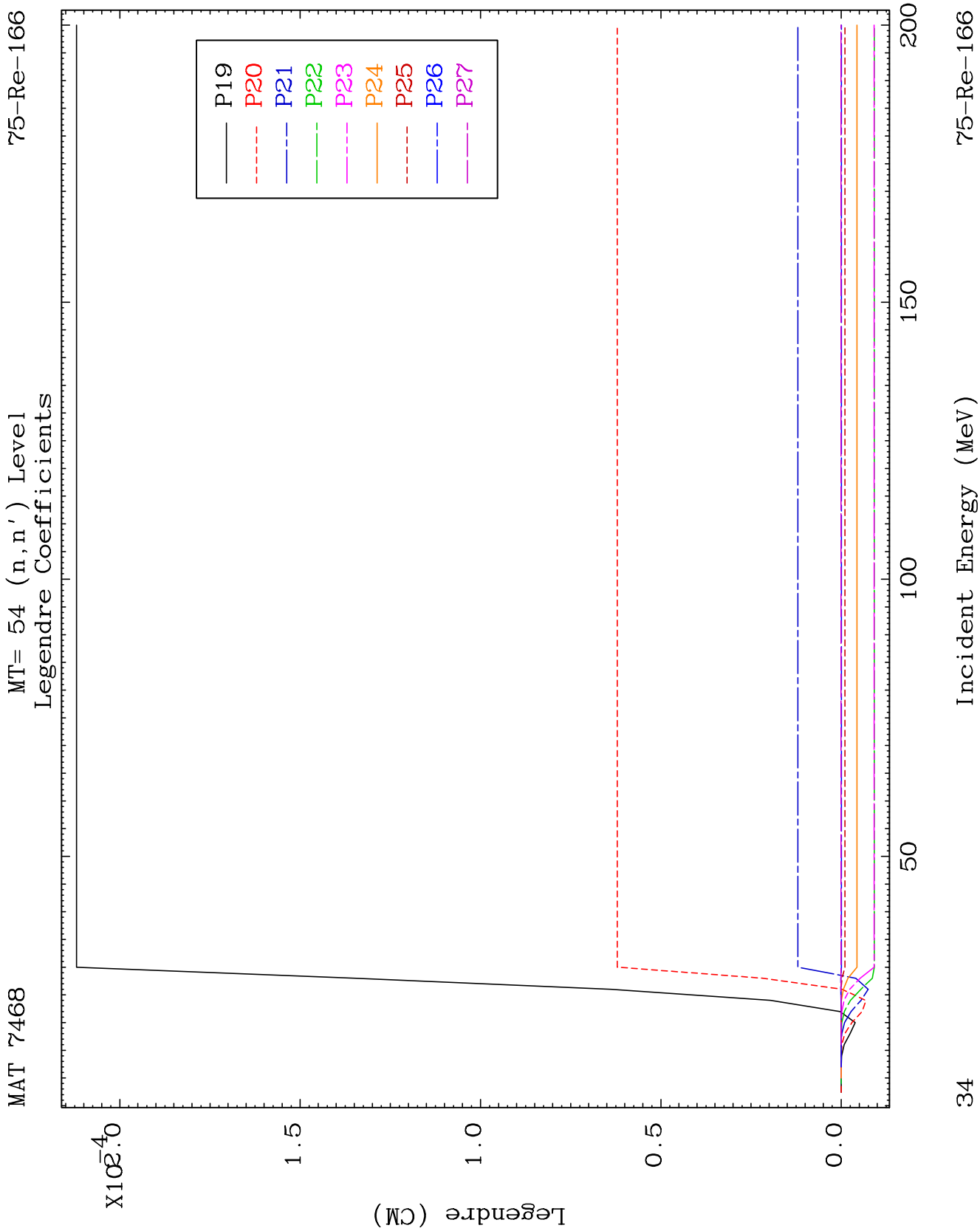
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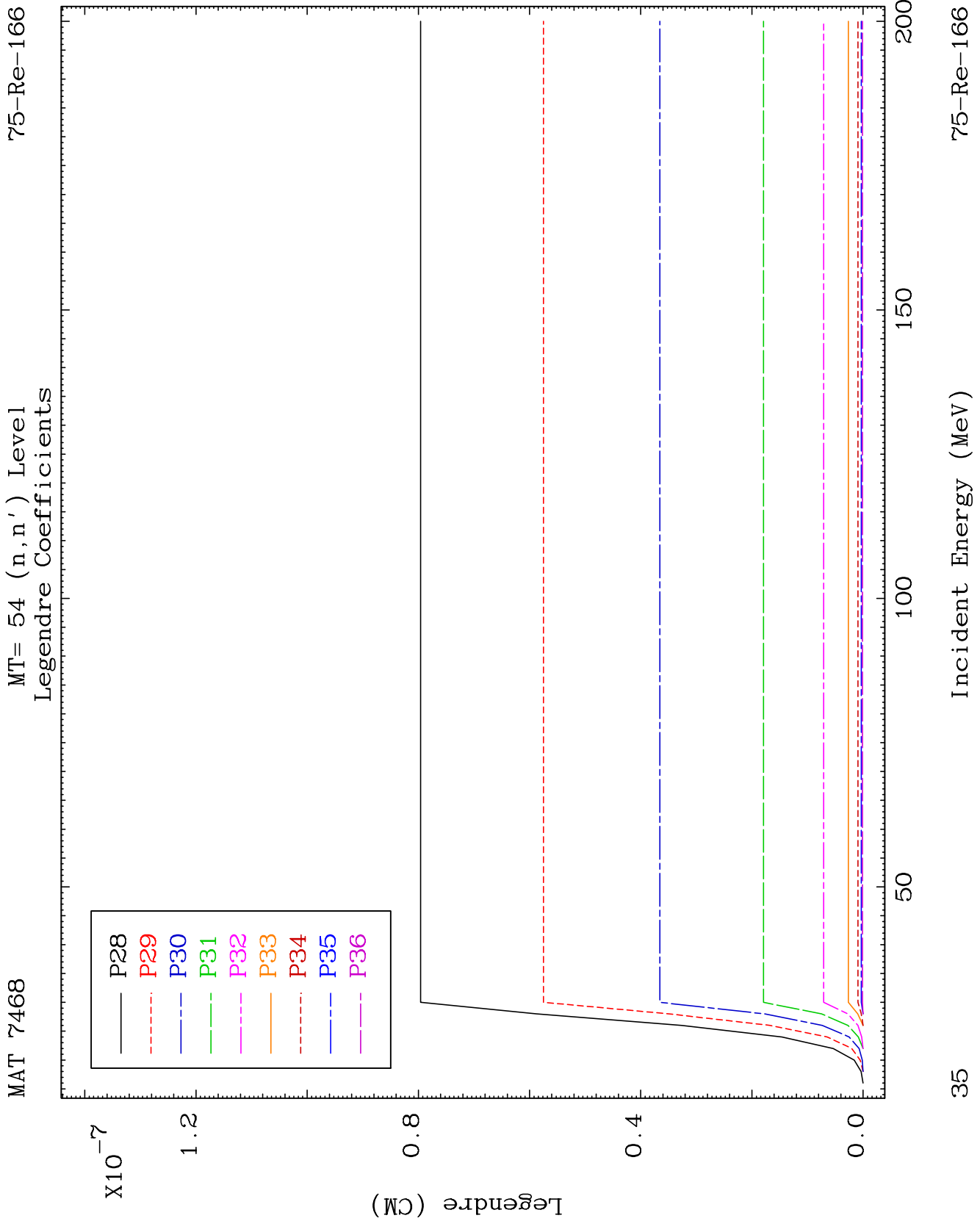
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Legendre Coefficients

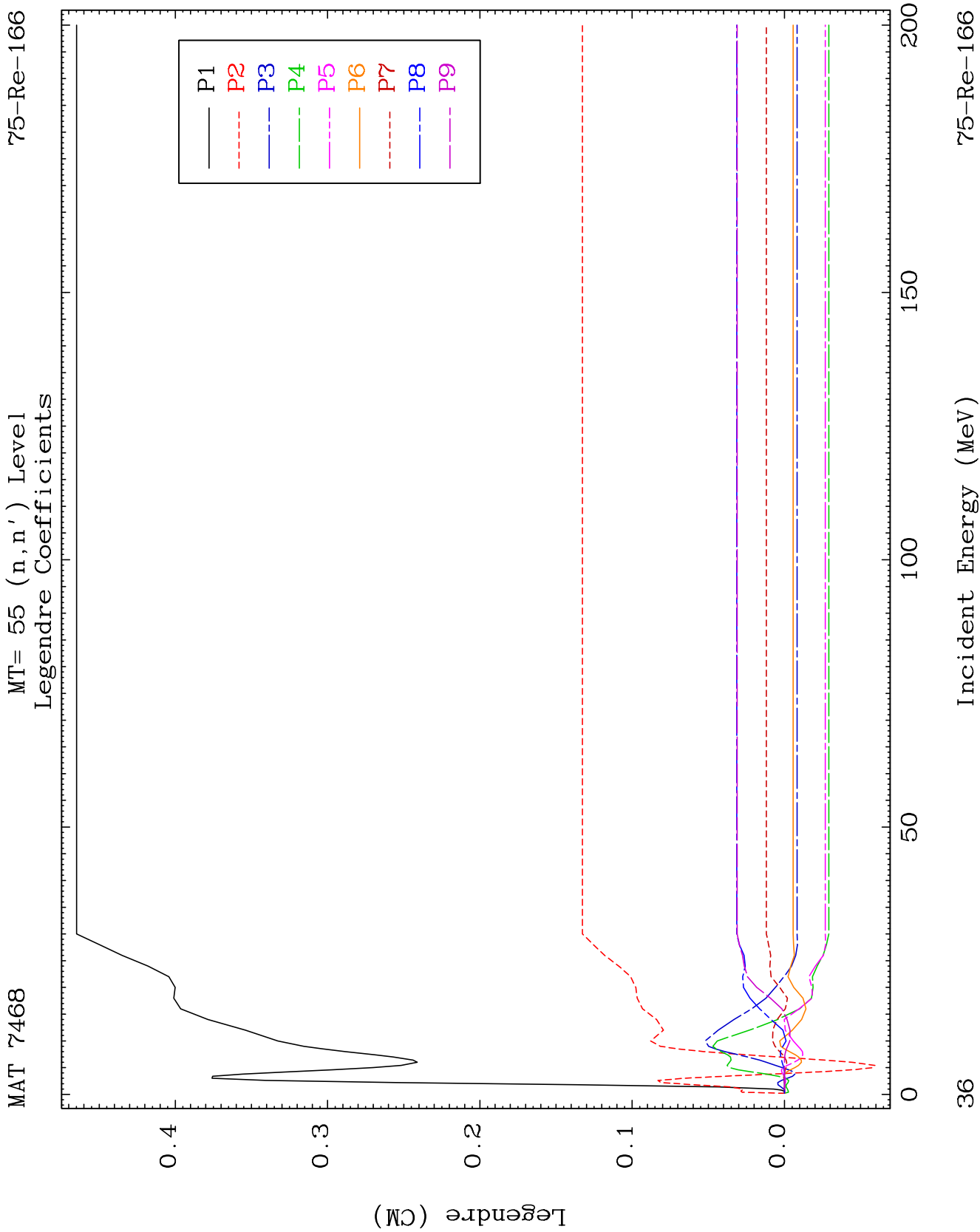
75-Re-166







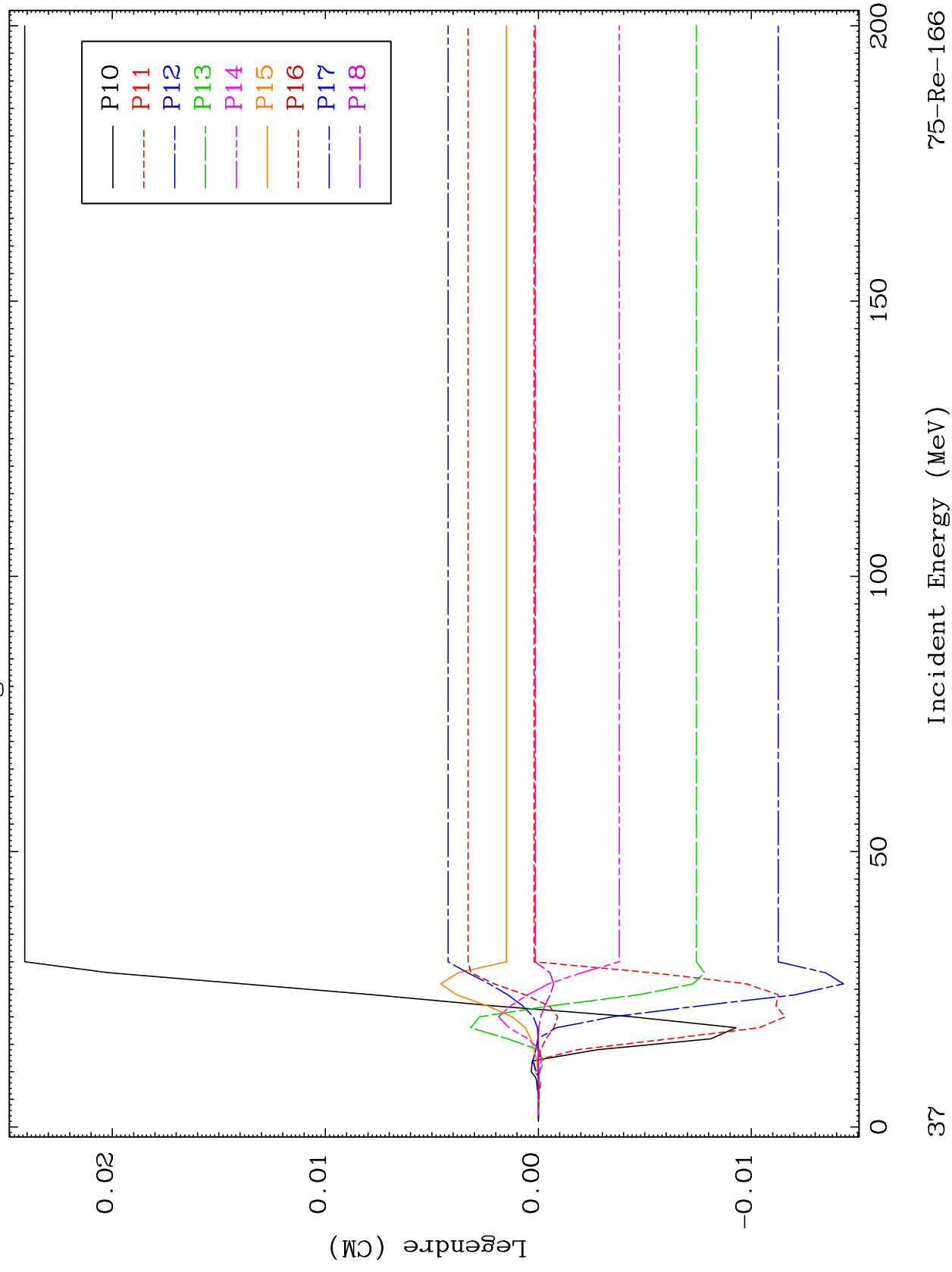


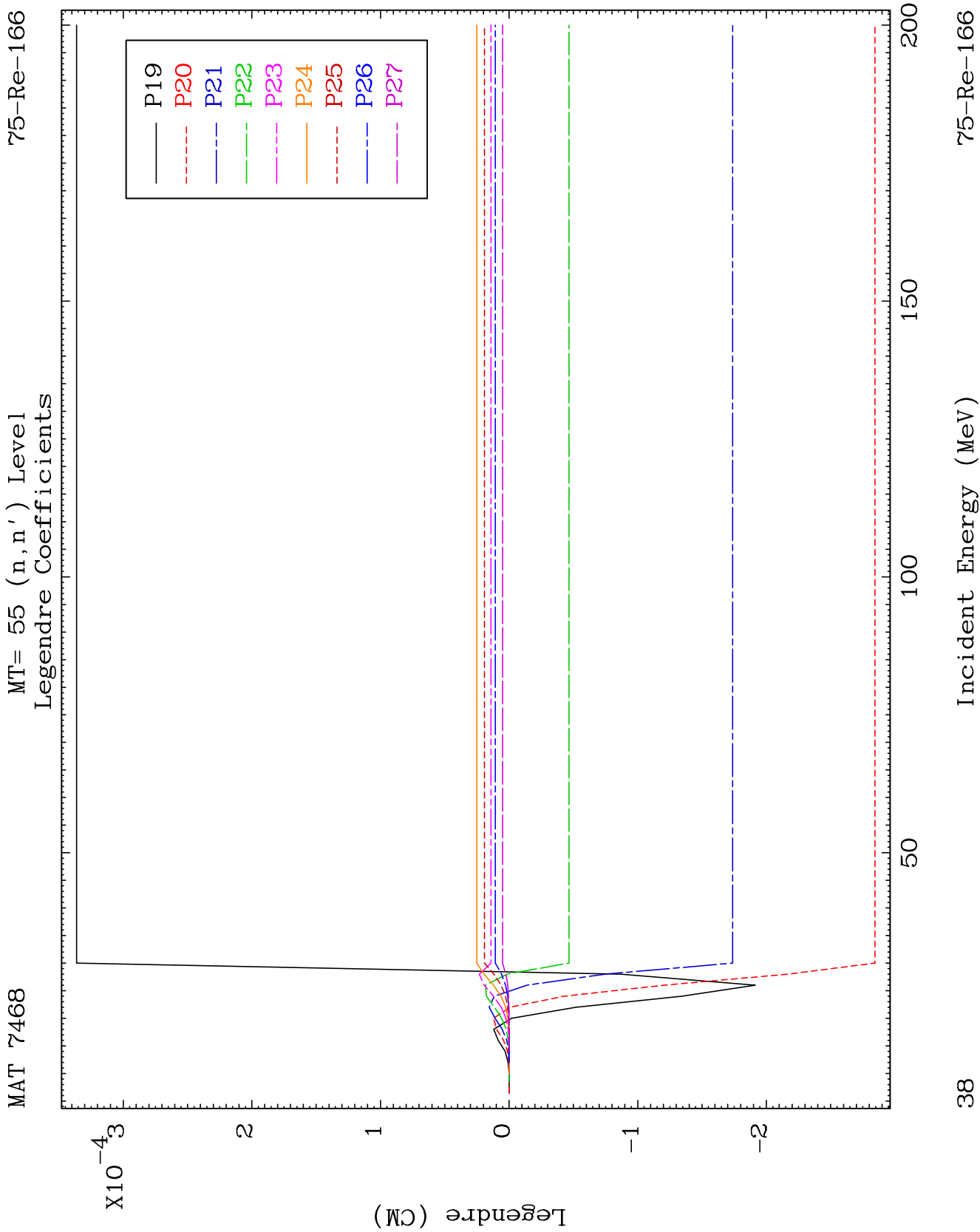


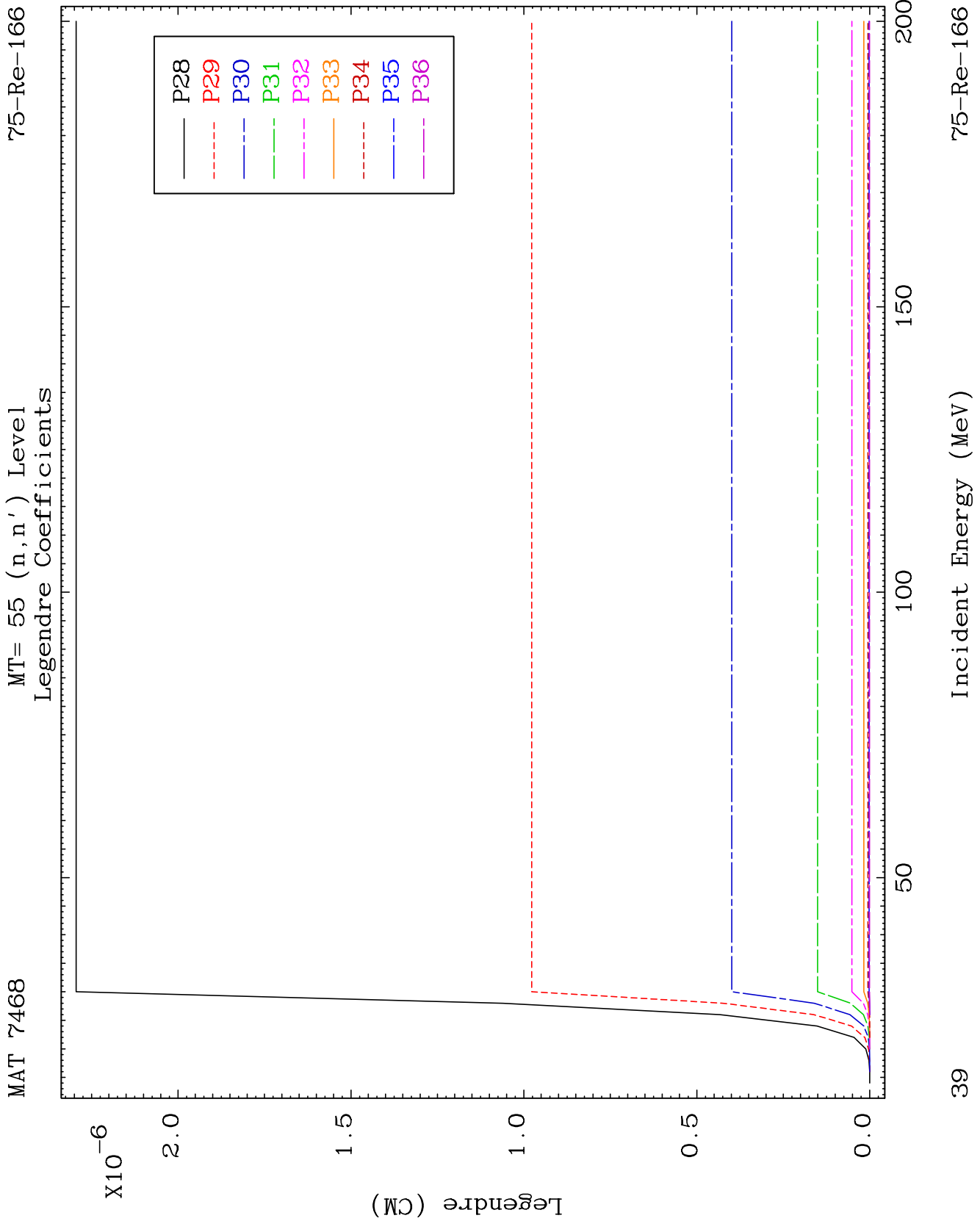
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MT= 55 (n, n') Level
Legendre Coefficients

75-Re-166



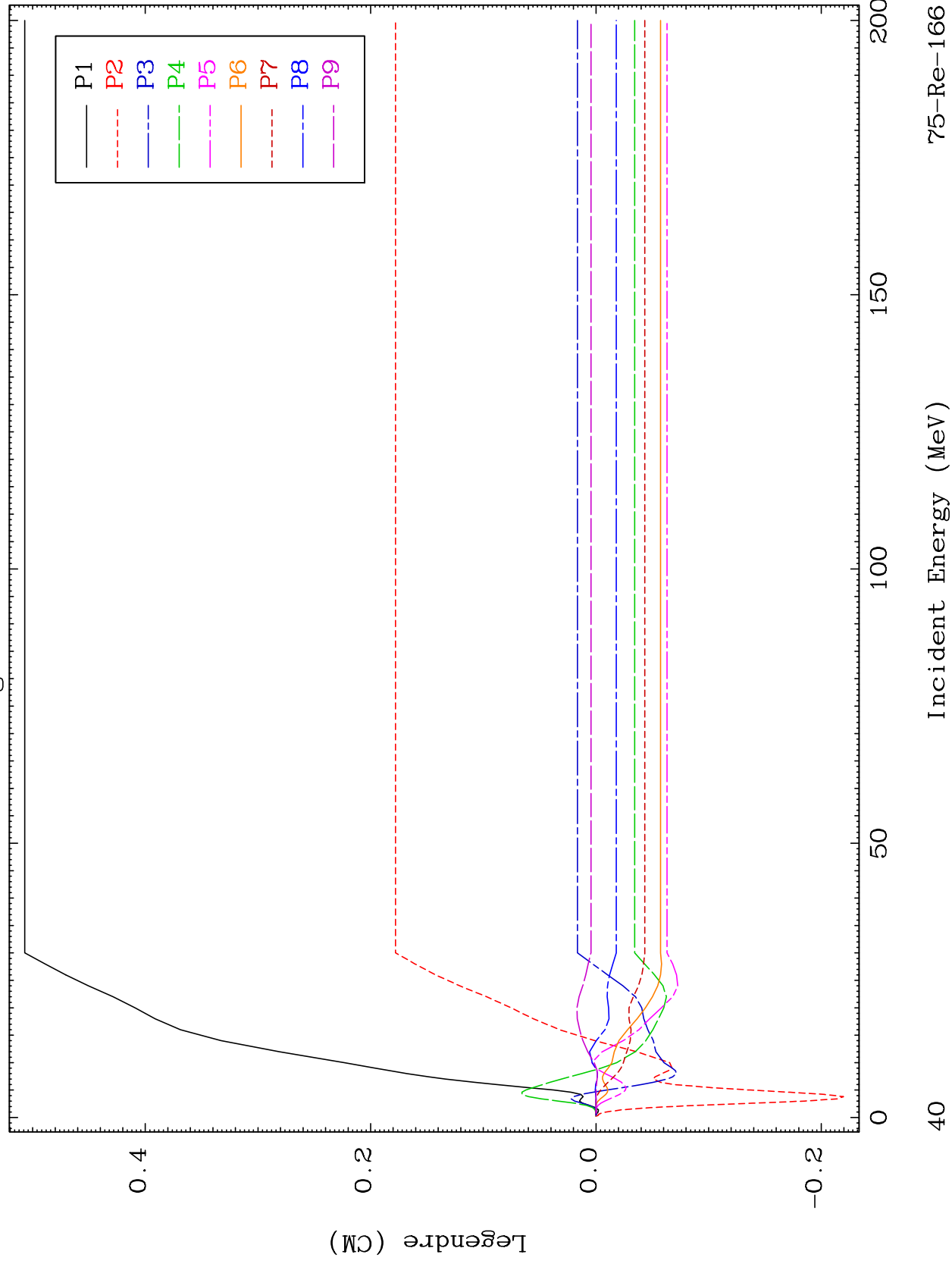


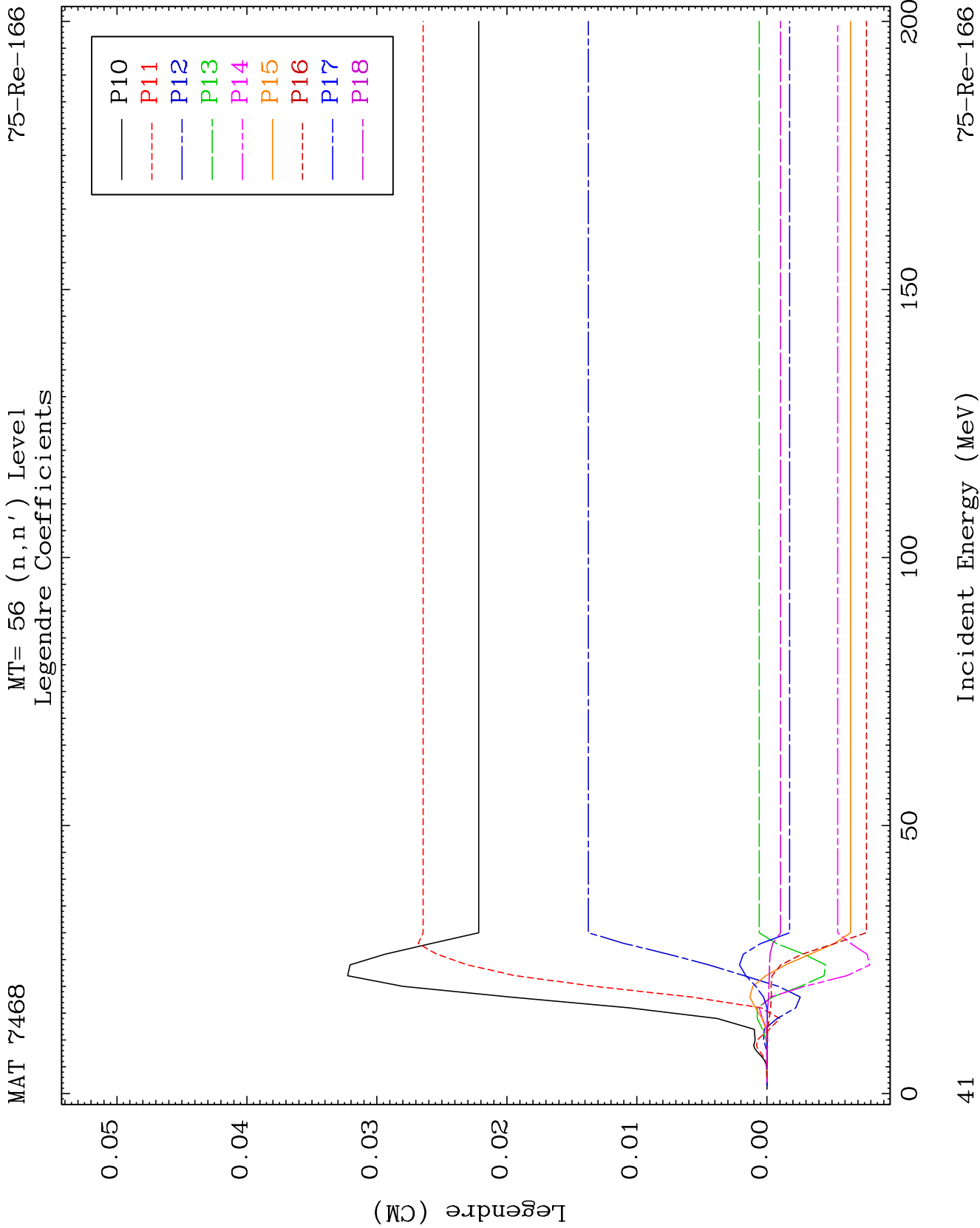


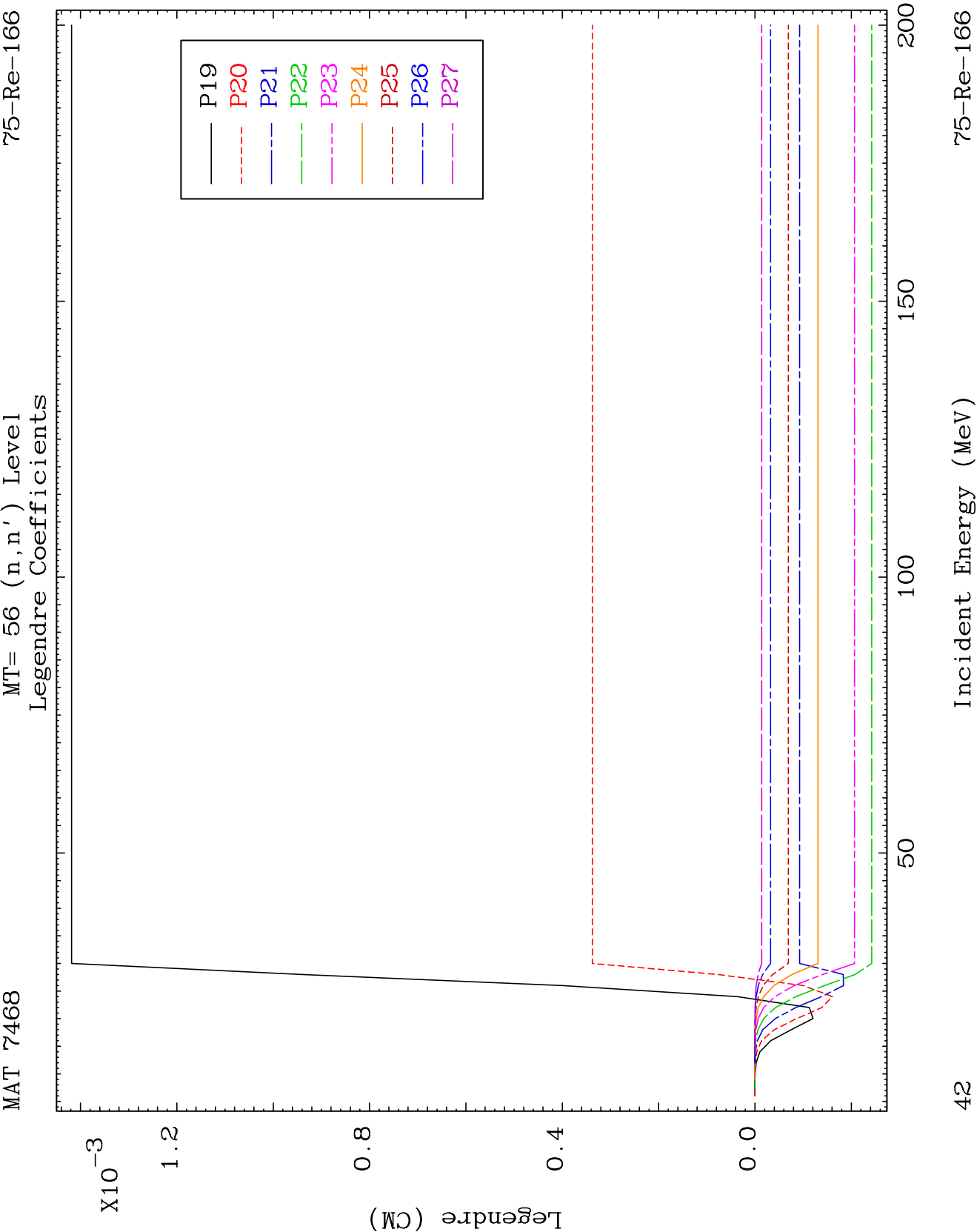
MAT 7468

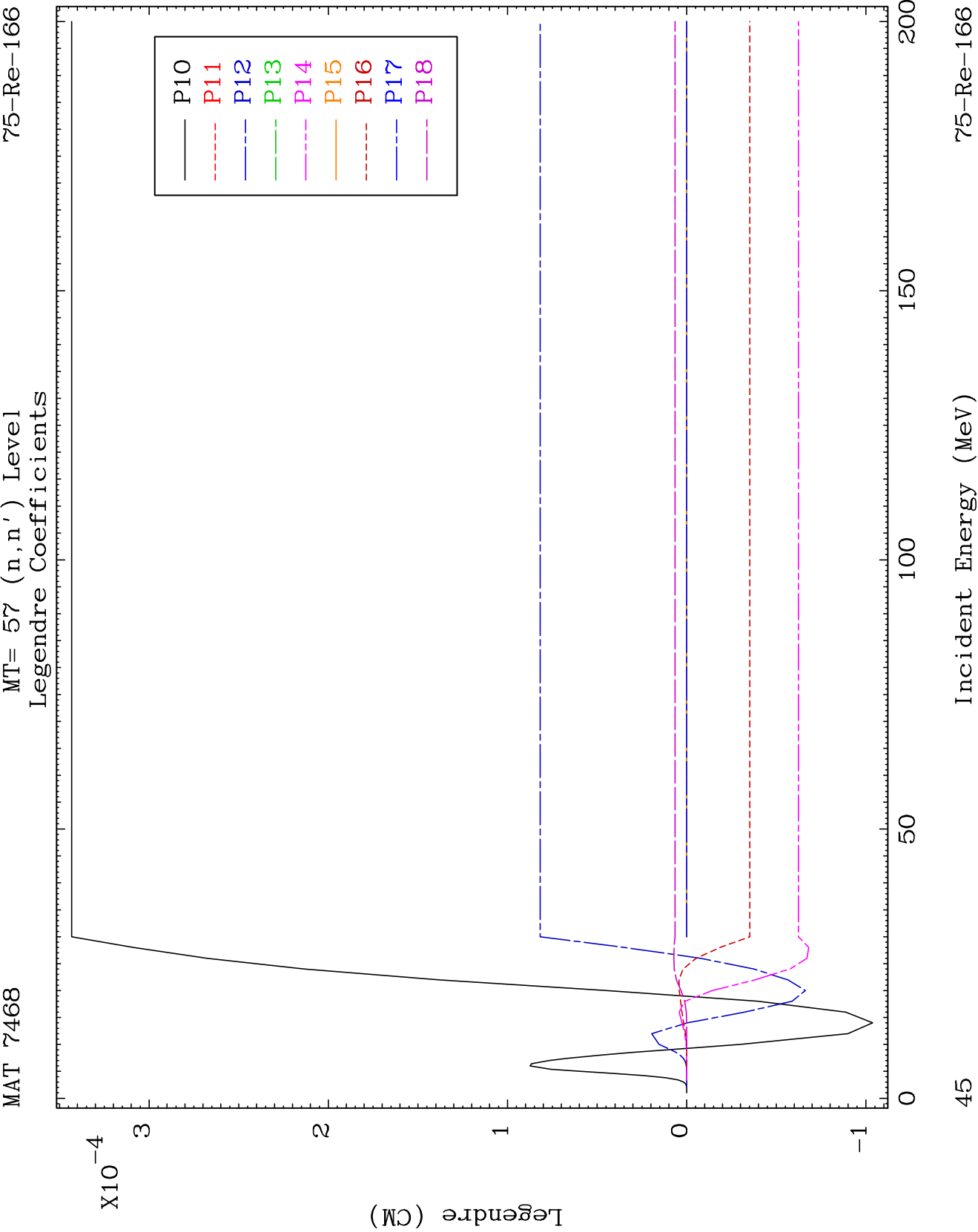
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Legendre Coefficients

75-Re-166





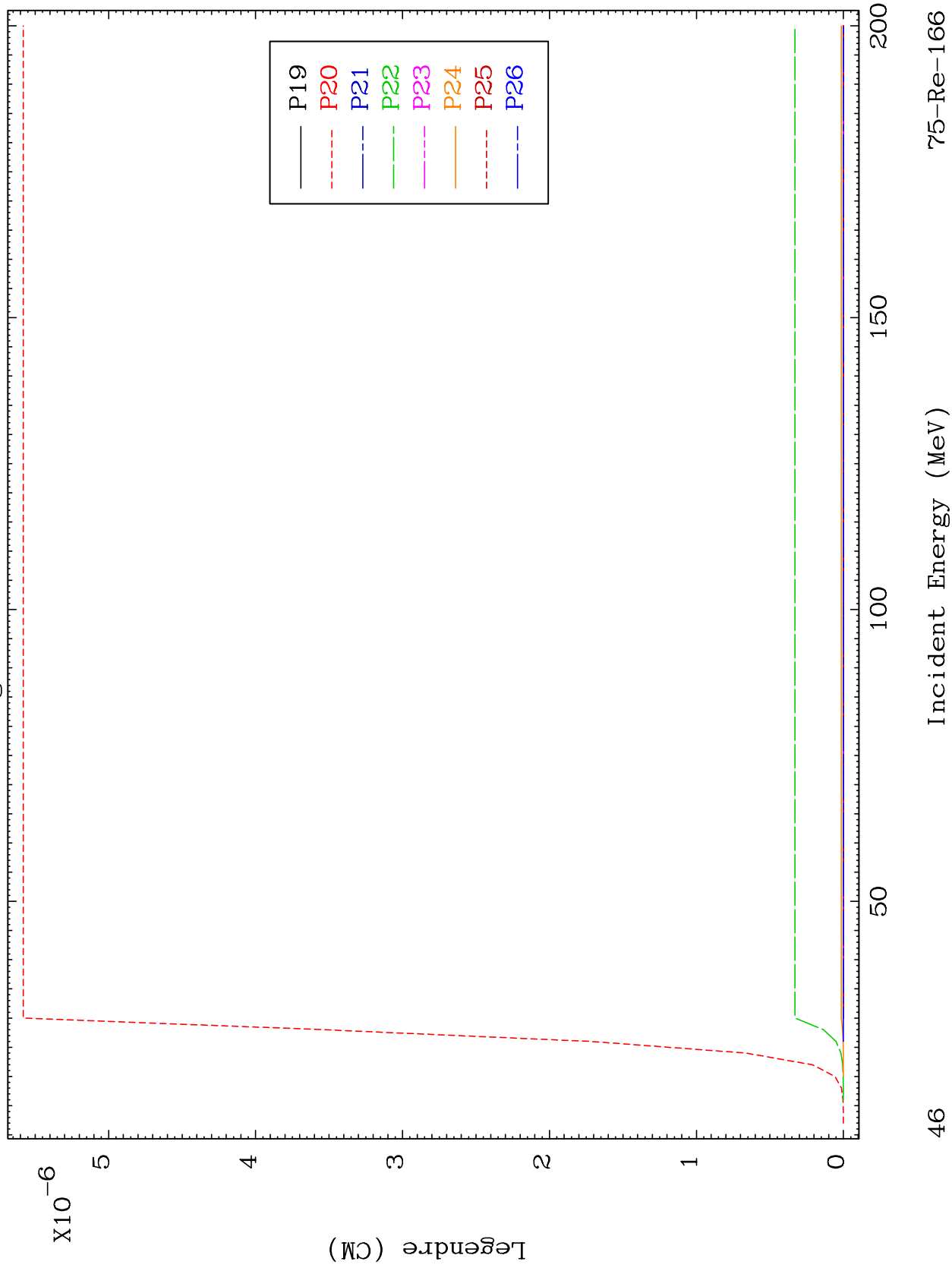




MAT 7468

MT= 57 (n, n') Level
Legendre Coefficients

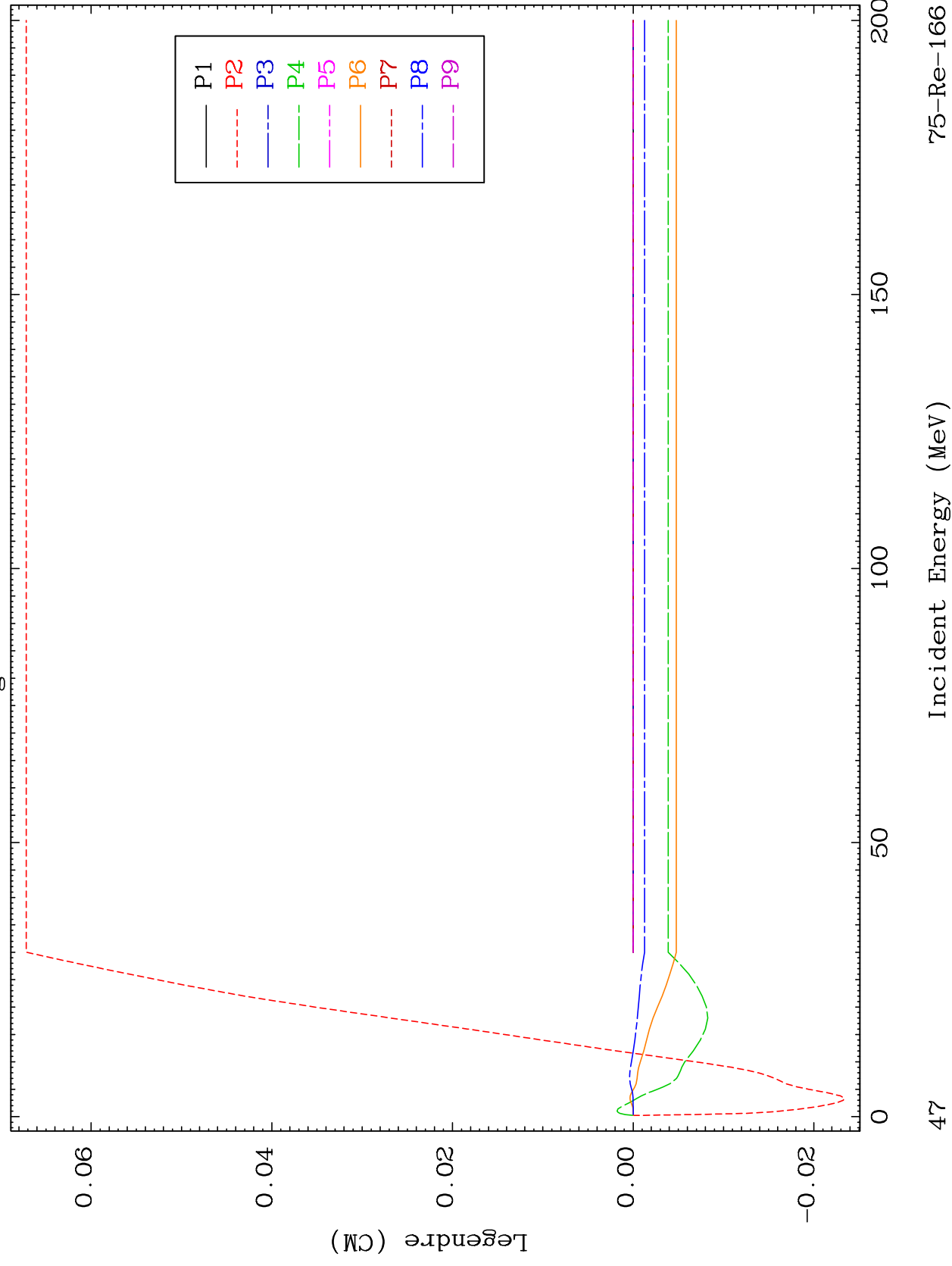
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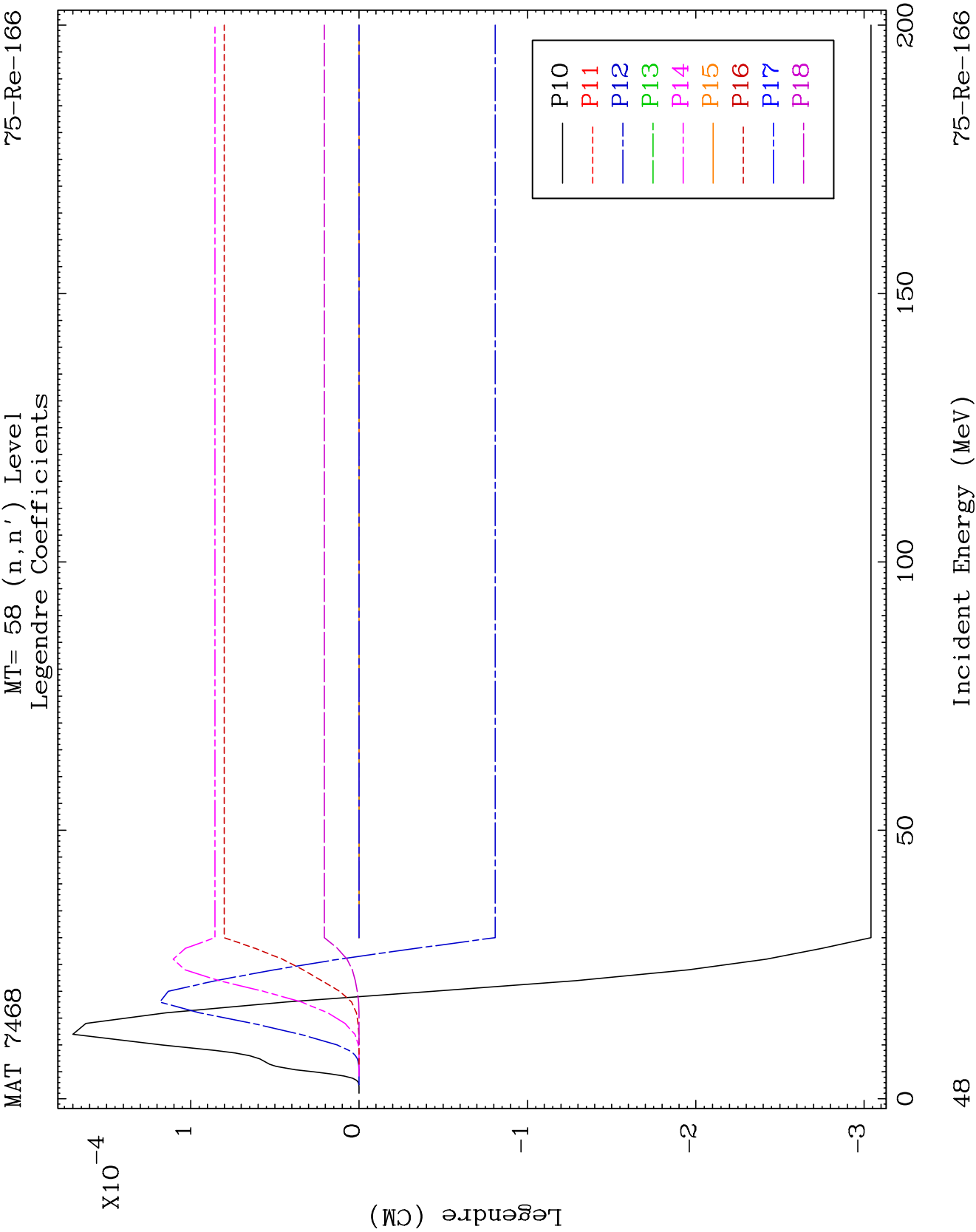


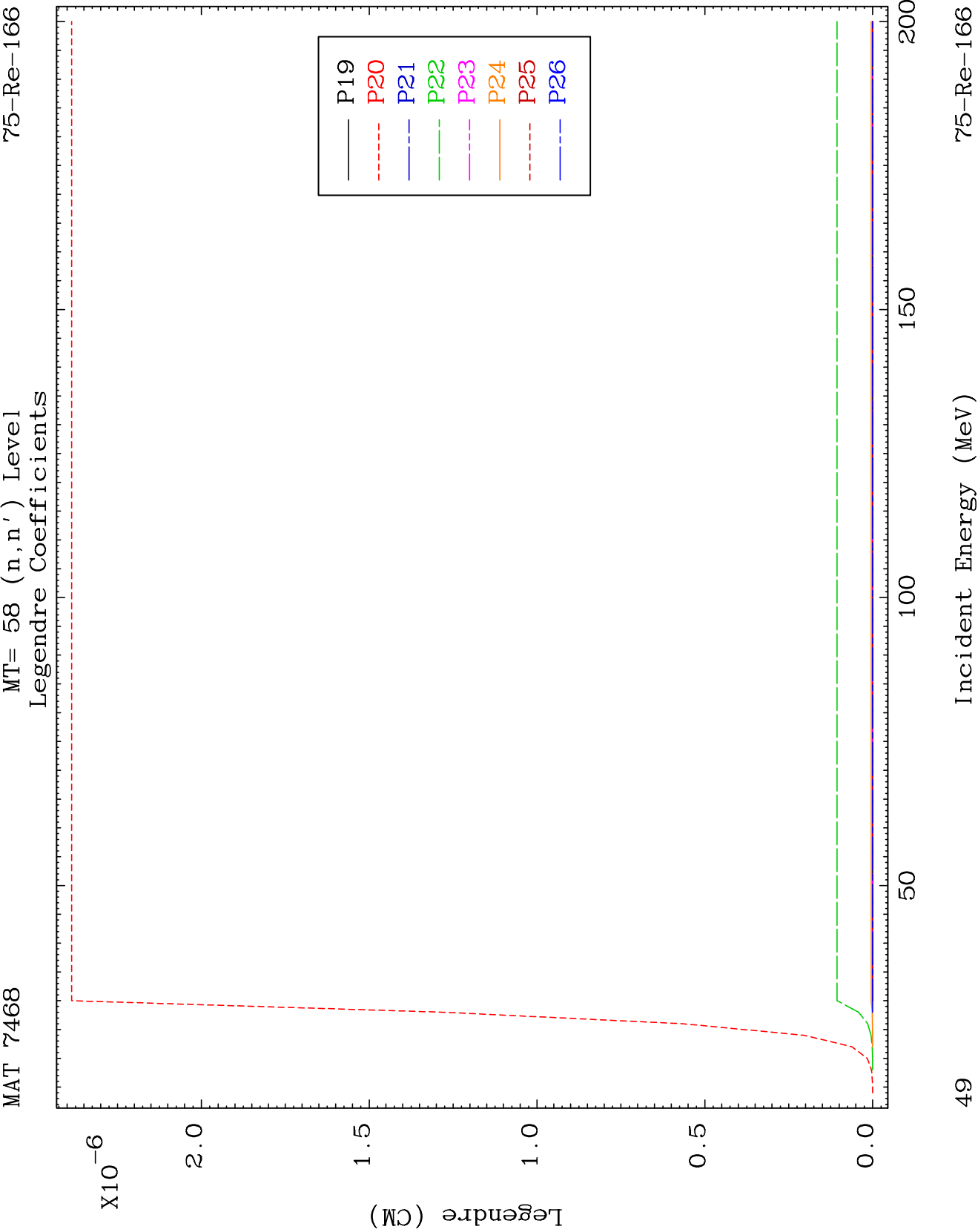
MAT 7468

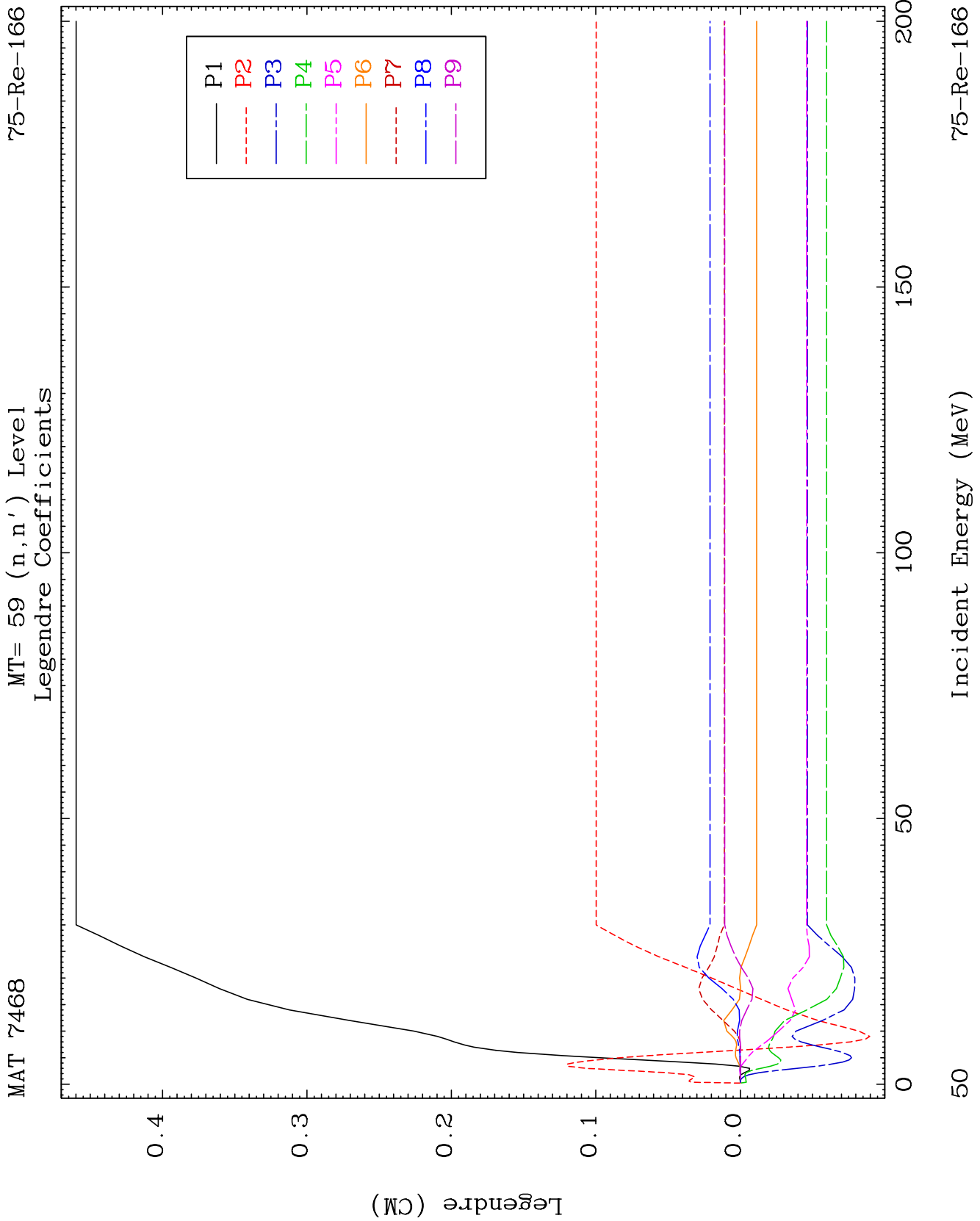
MT= 58 (n, n') Level
Legendre Coefficients

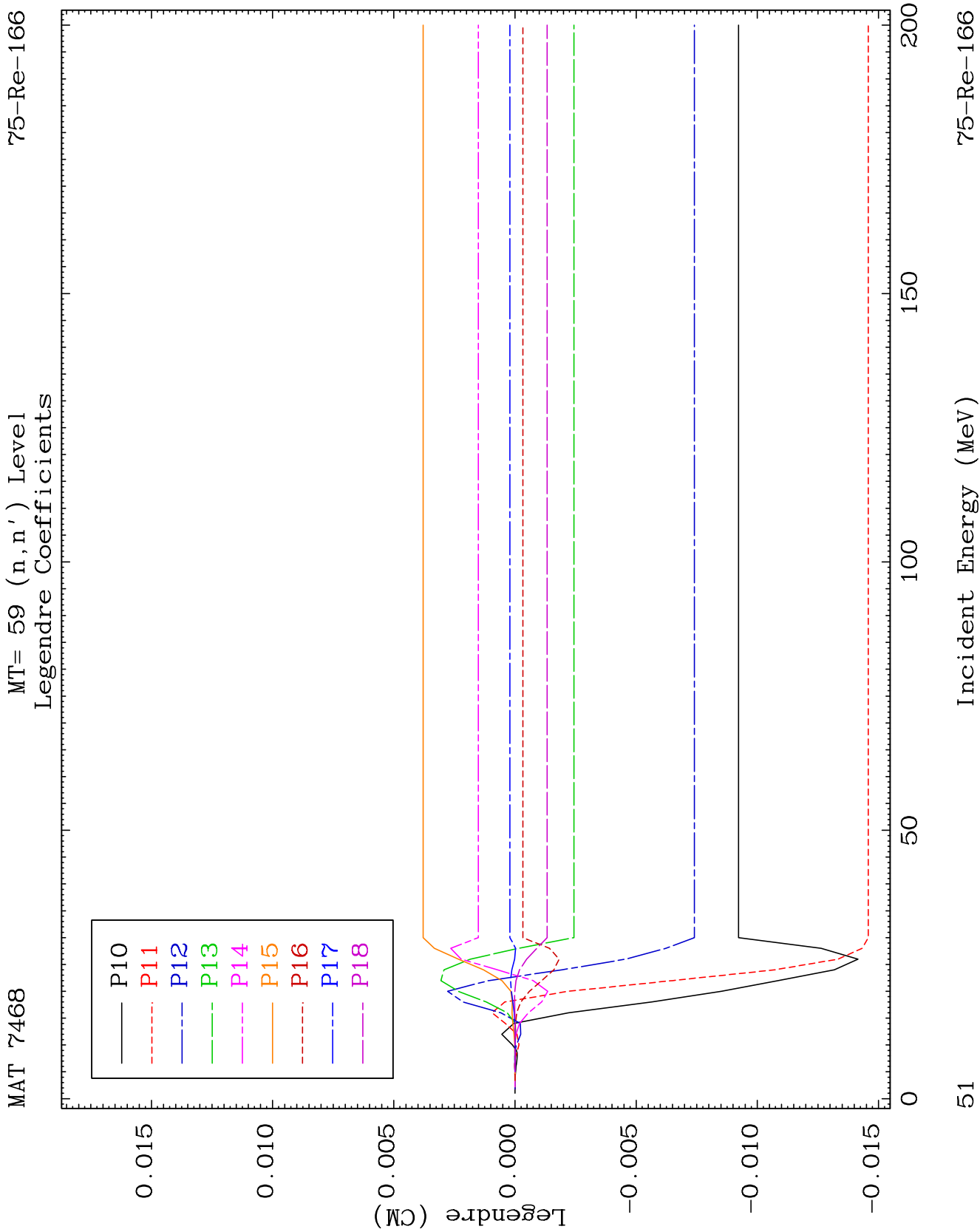
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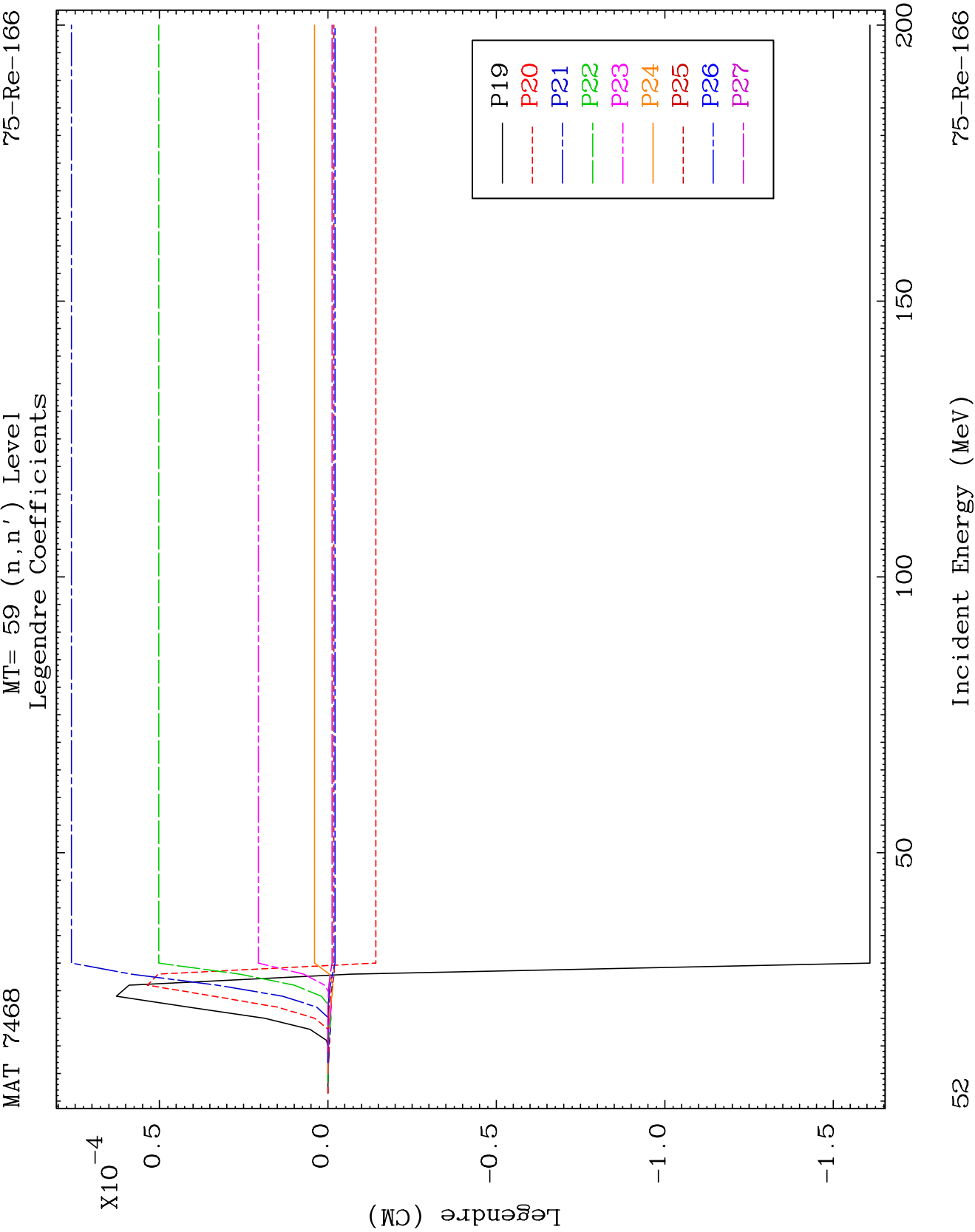


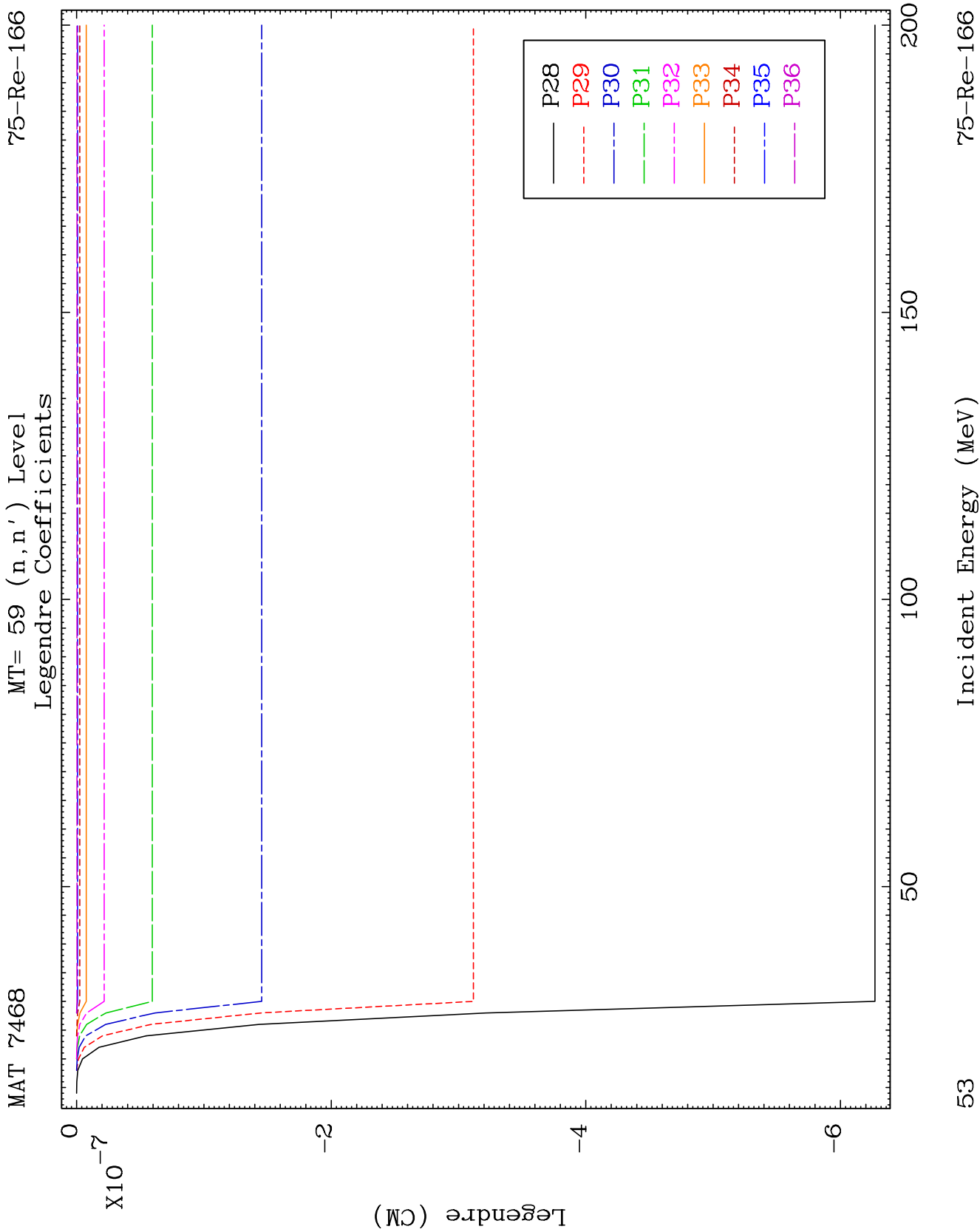


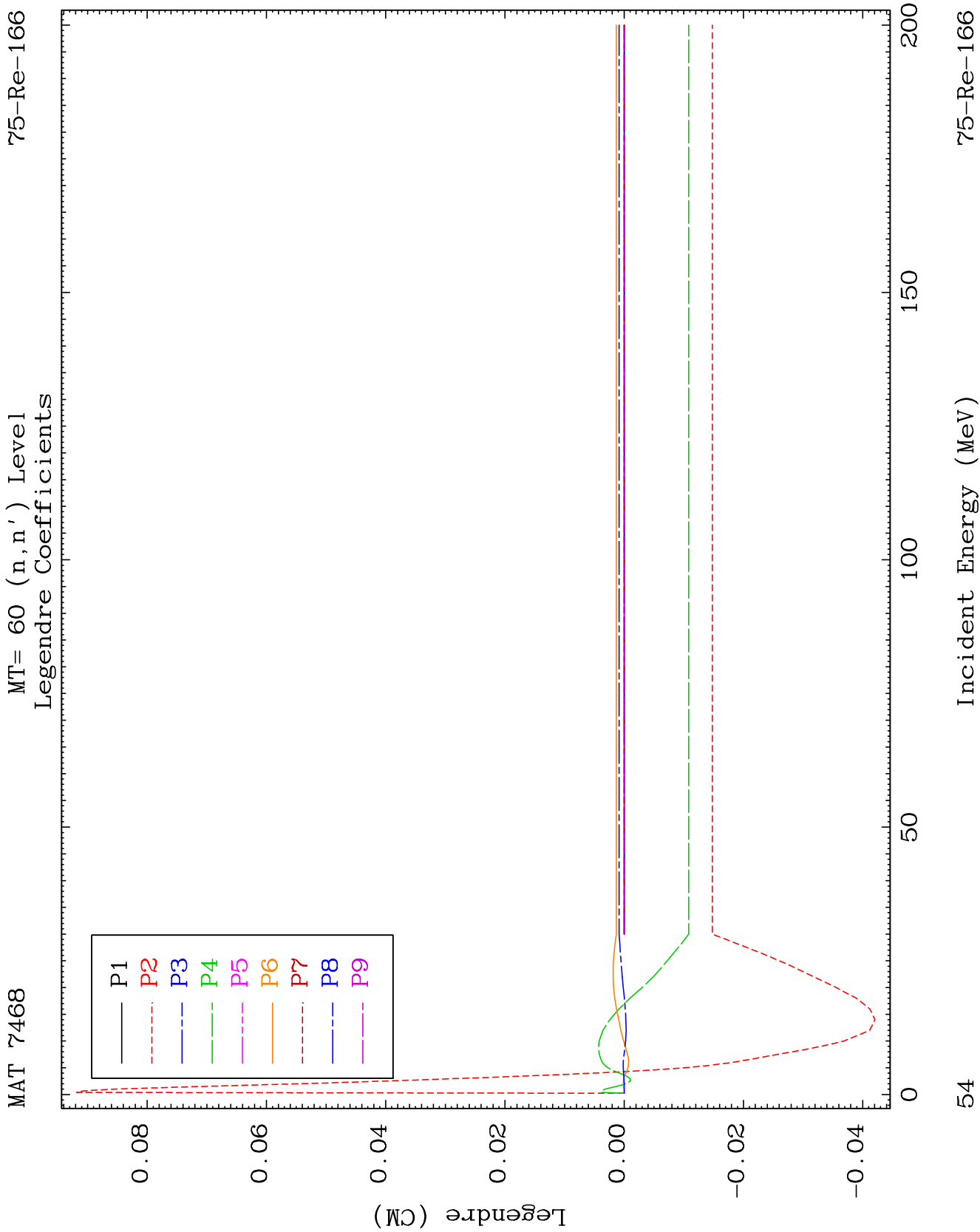


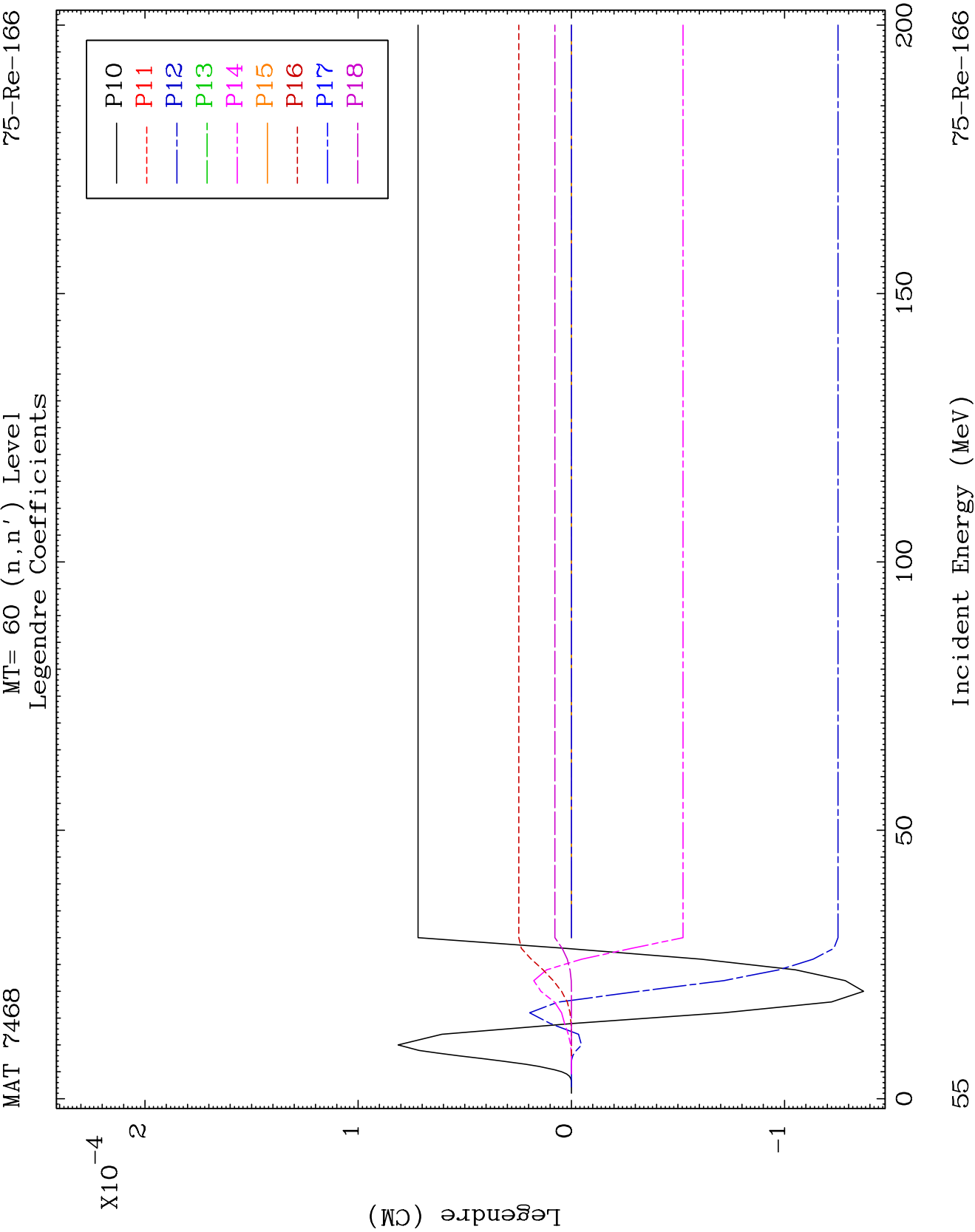


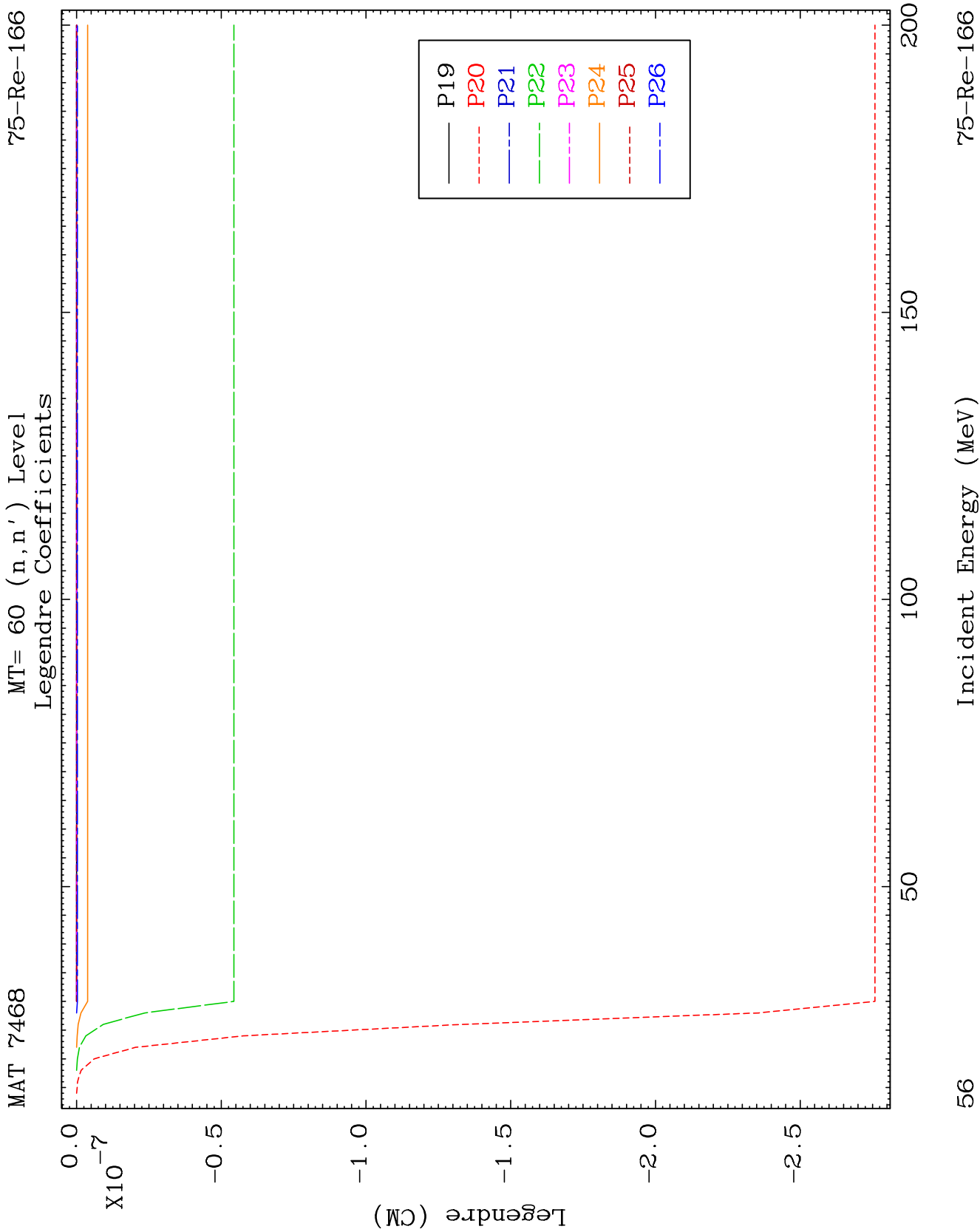


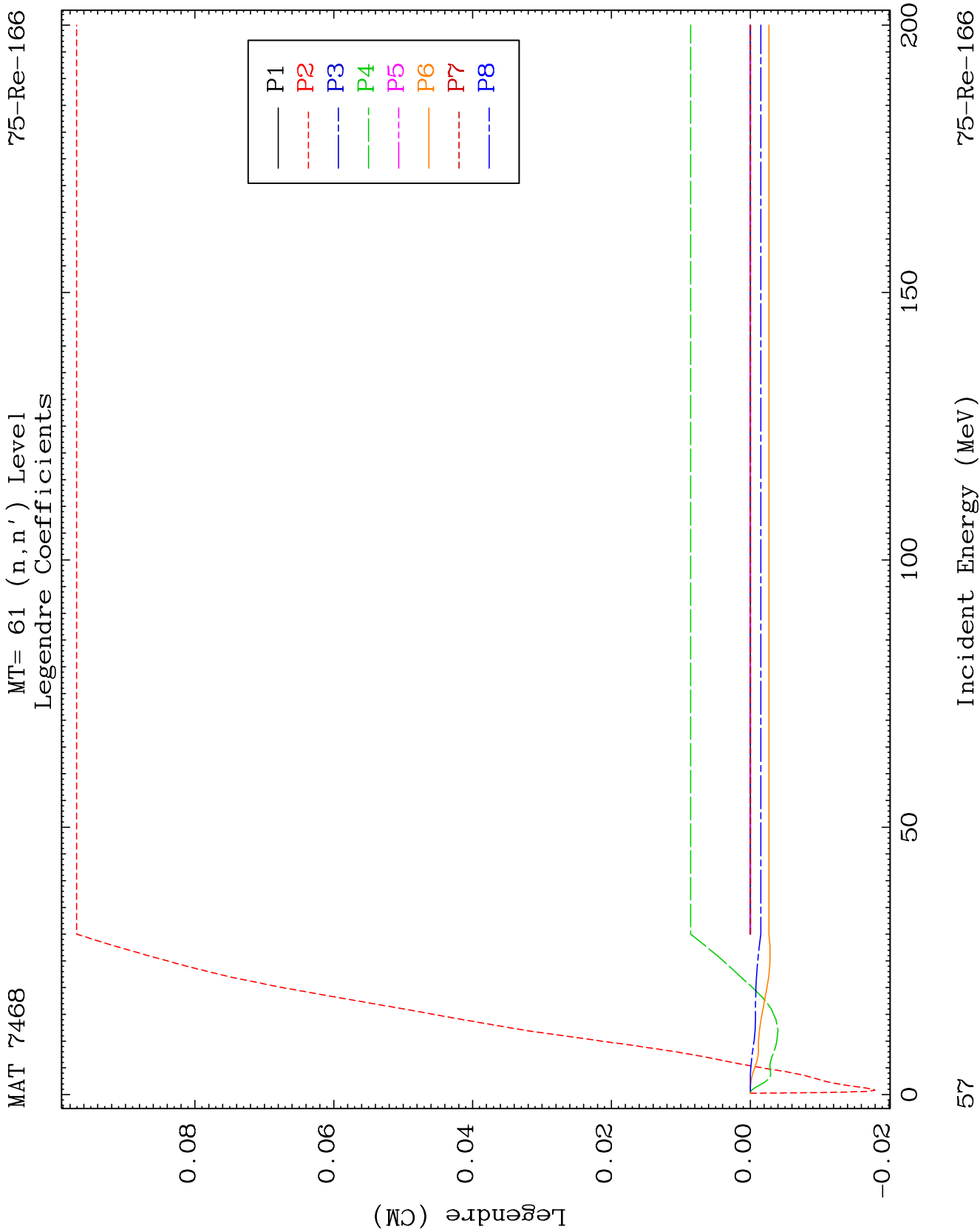








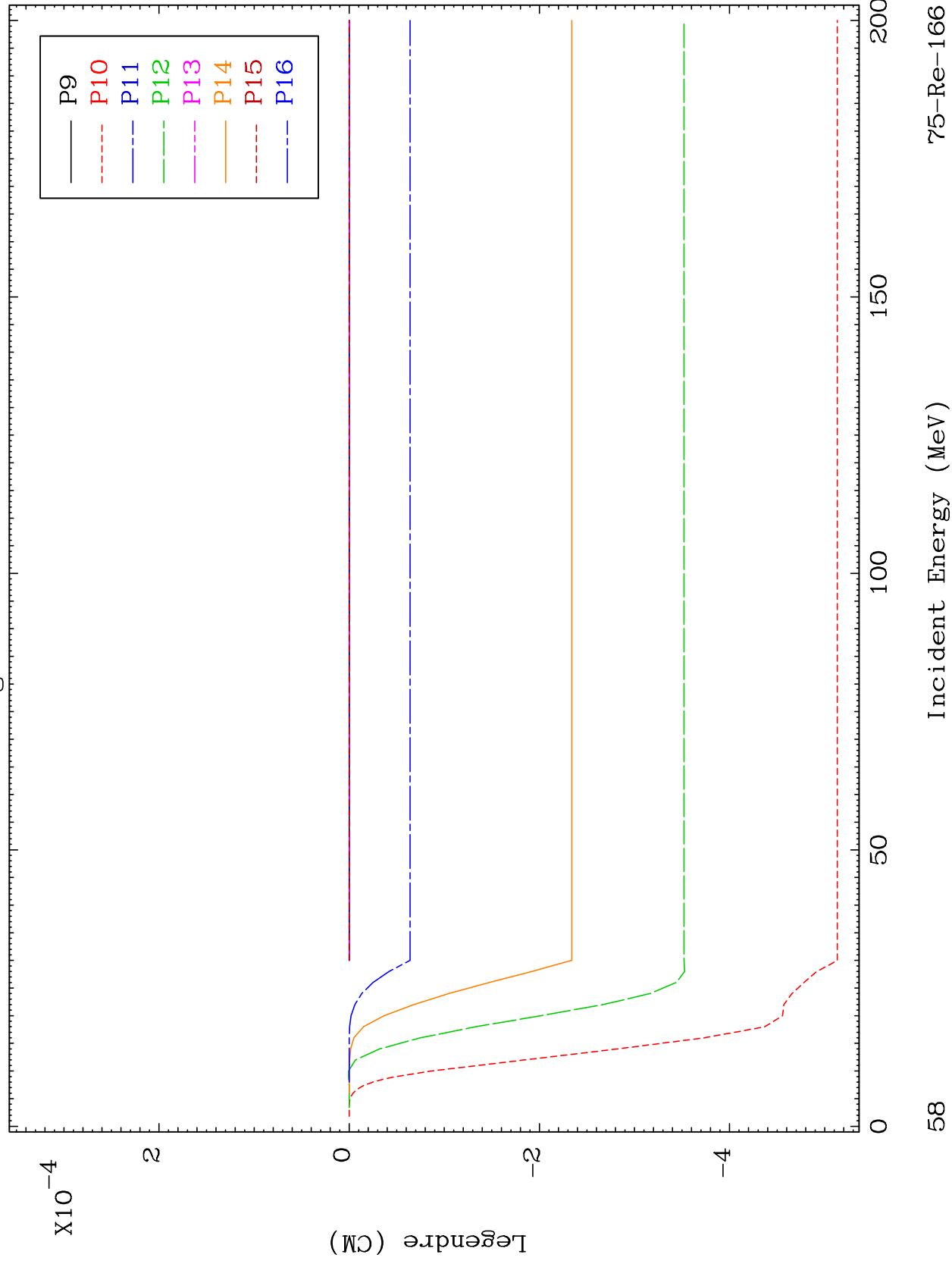


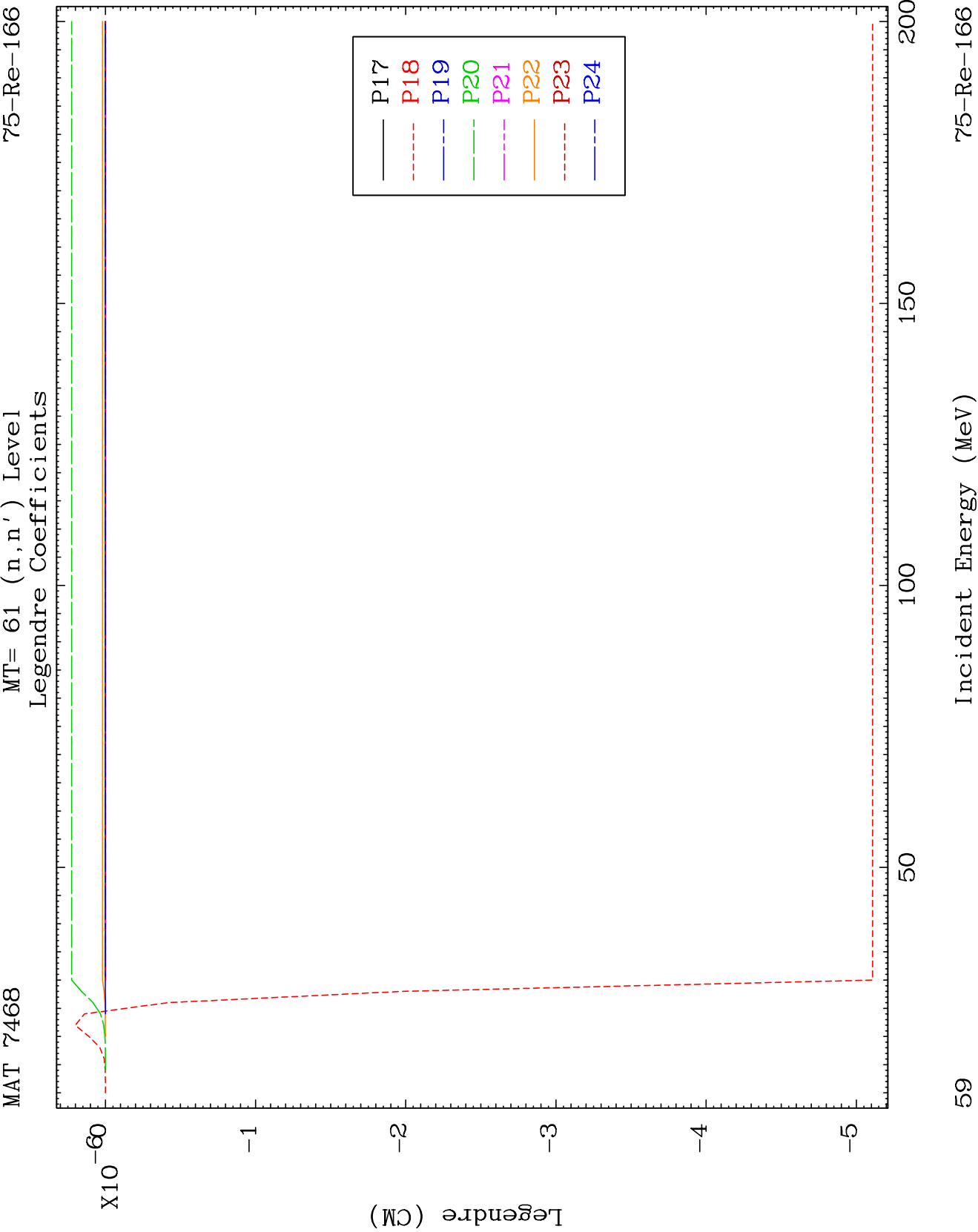


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MT= 61 (n, n') Level
Legendre Coefficients

75-Re-166

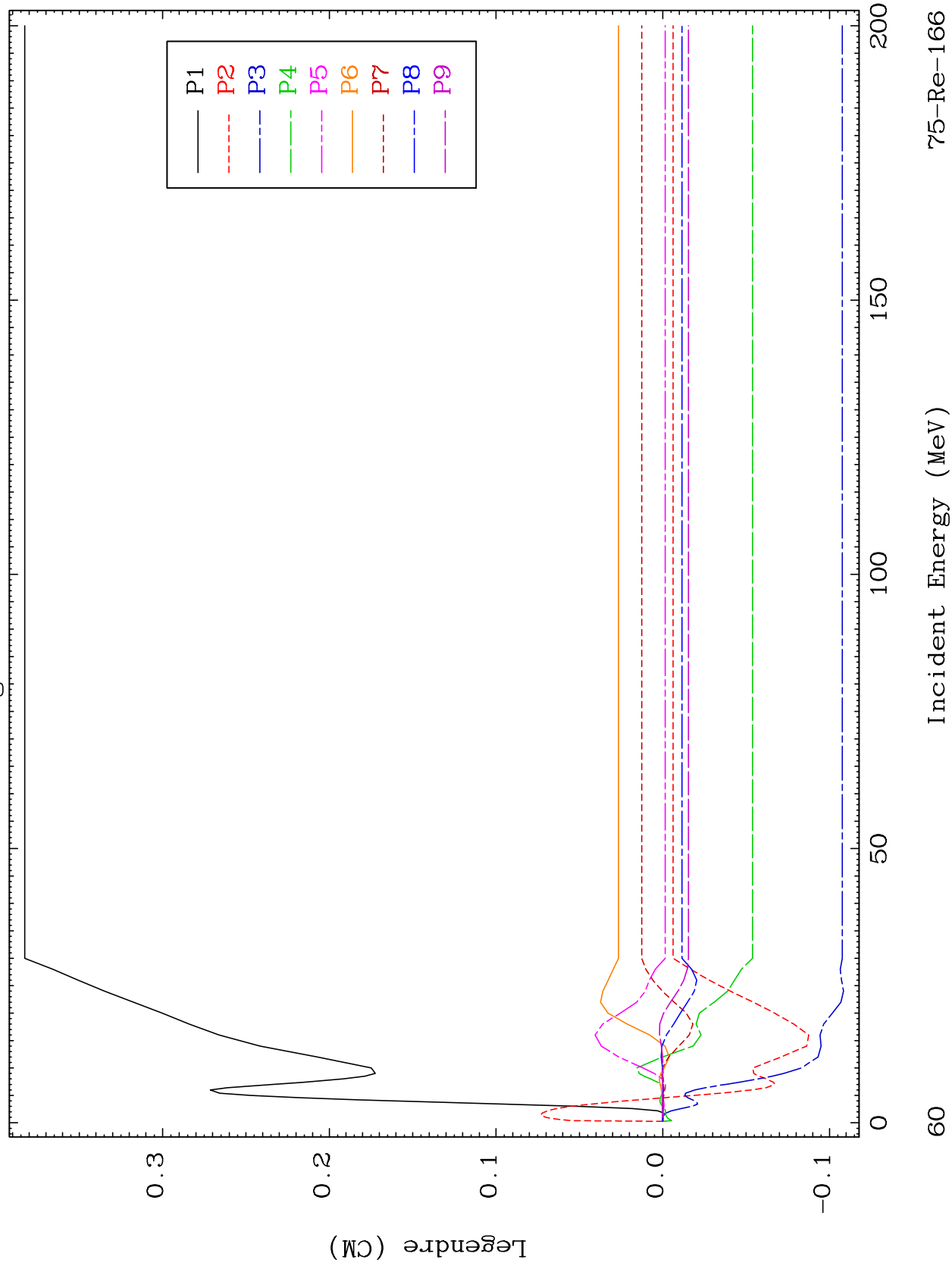


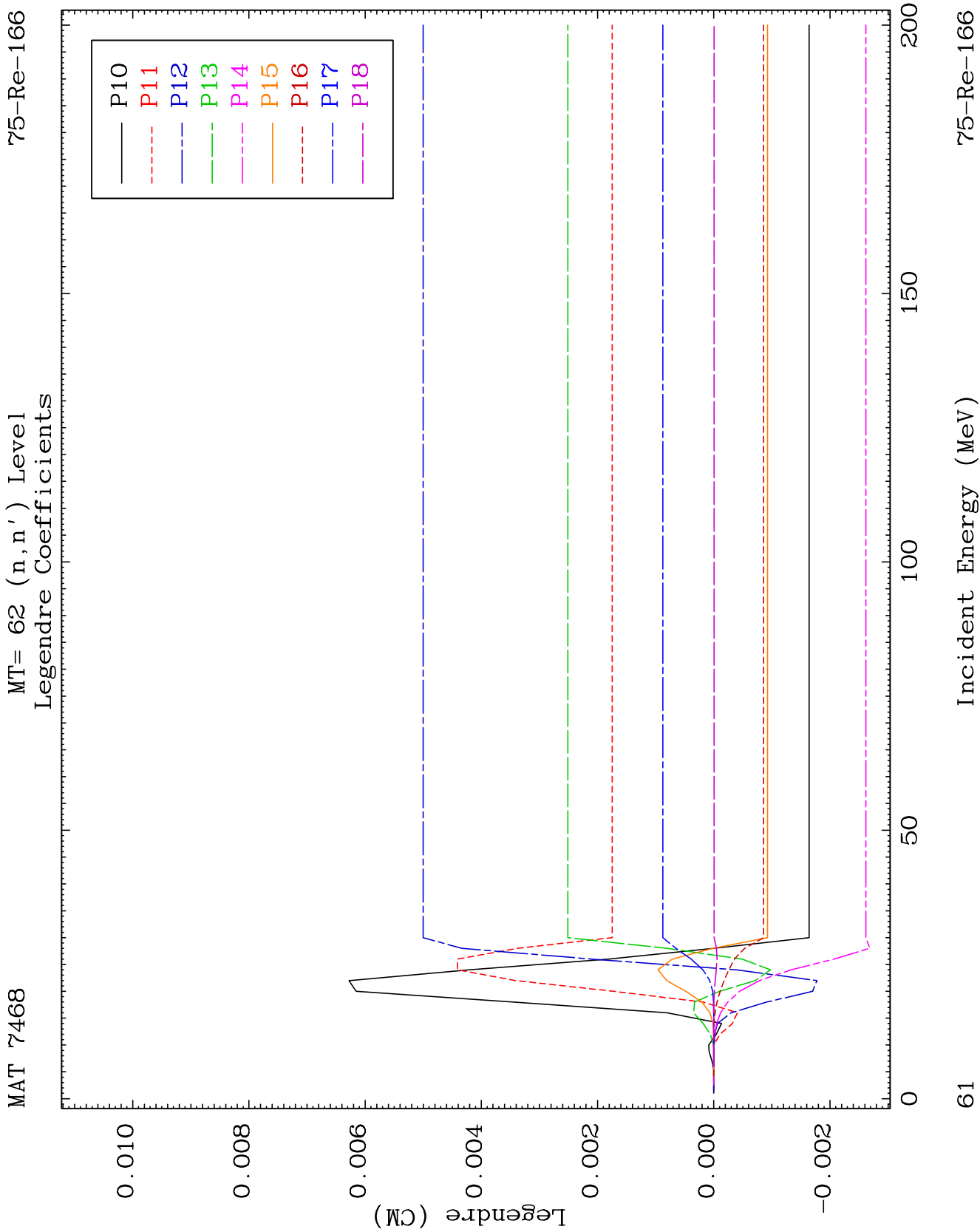


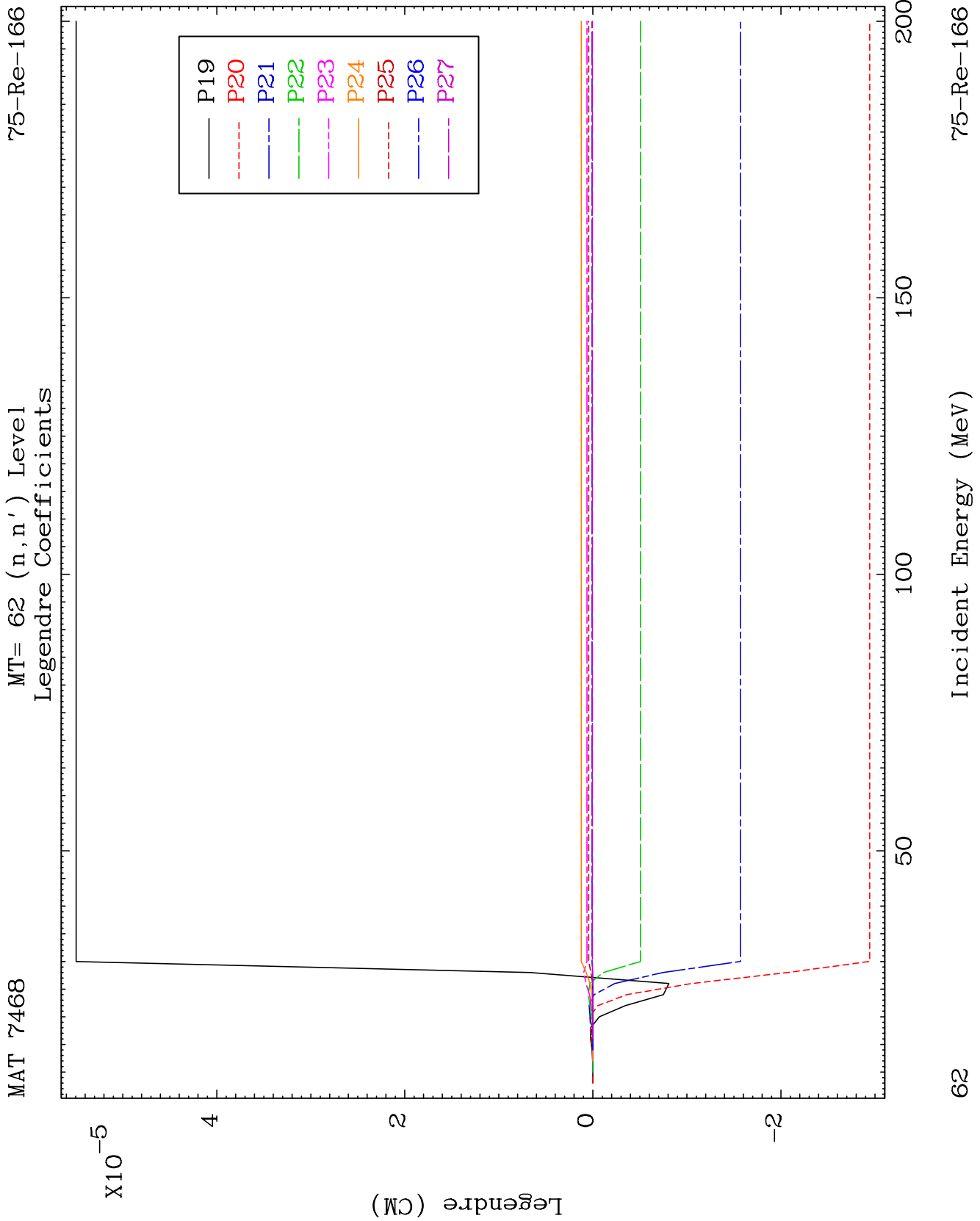
MAT 7468

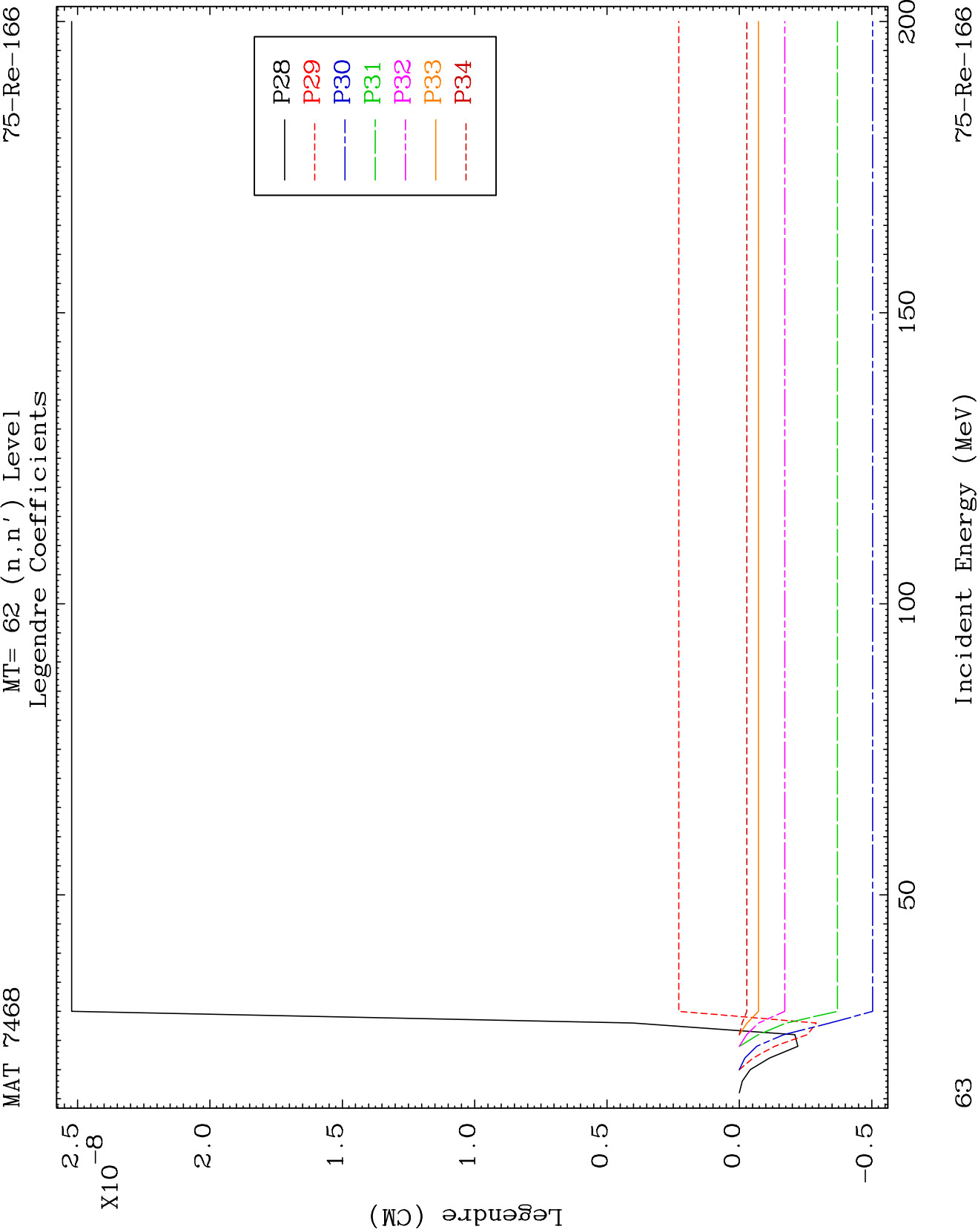
MT= 62 (n, n') Level
Legendre Coefficients

75-Re-166





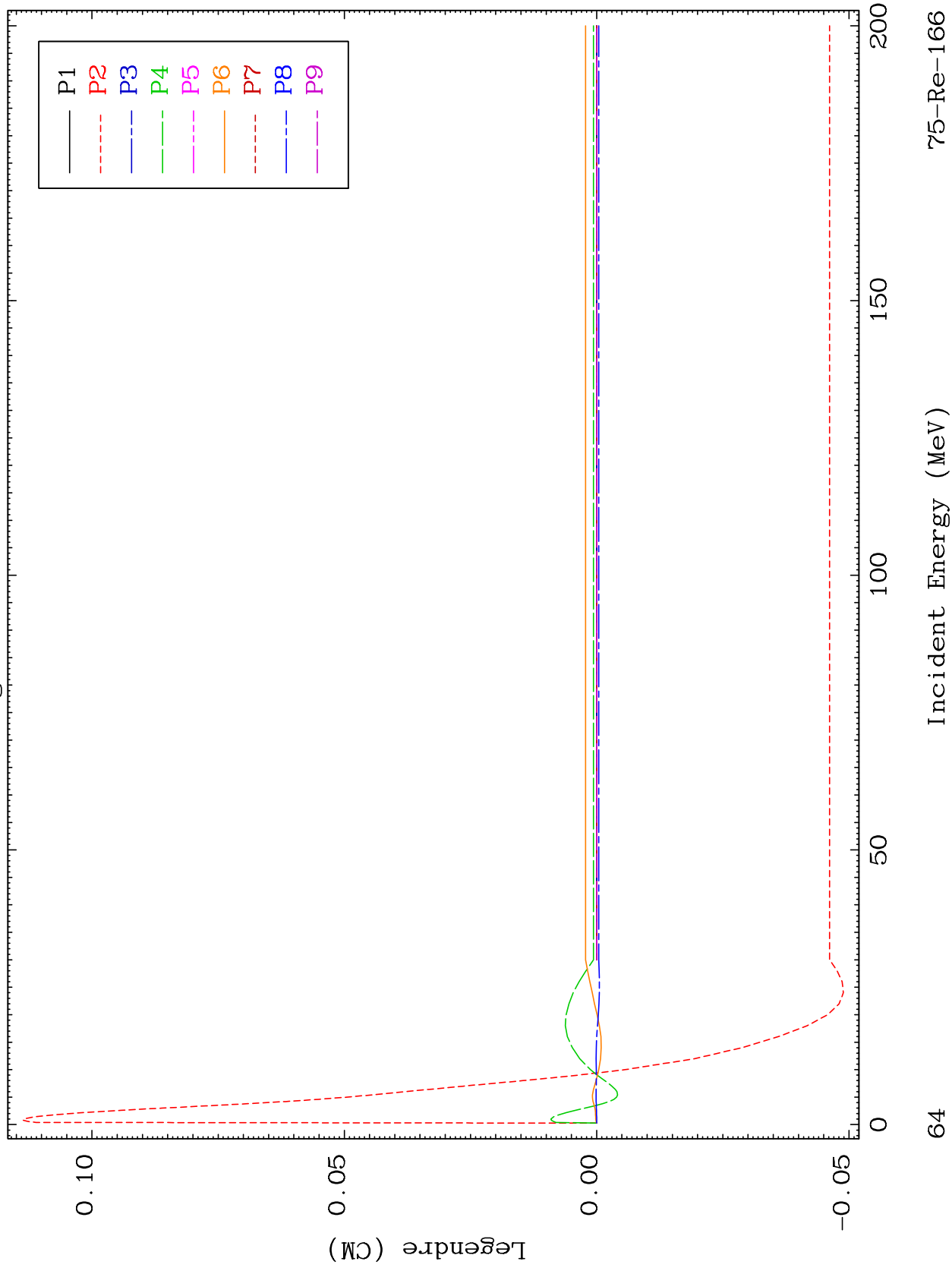


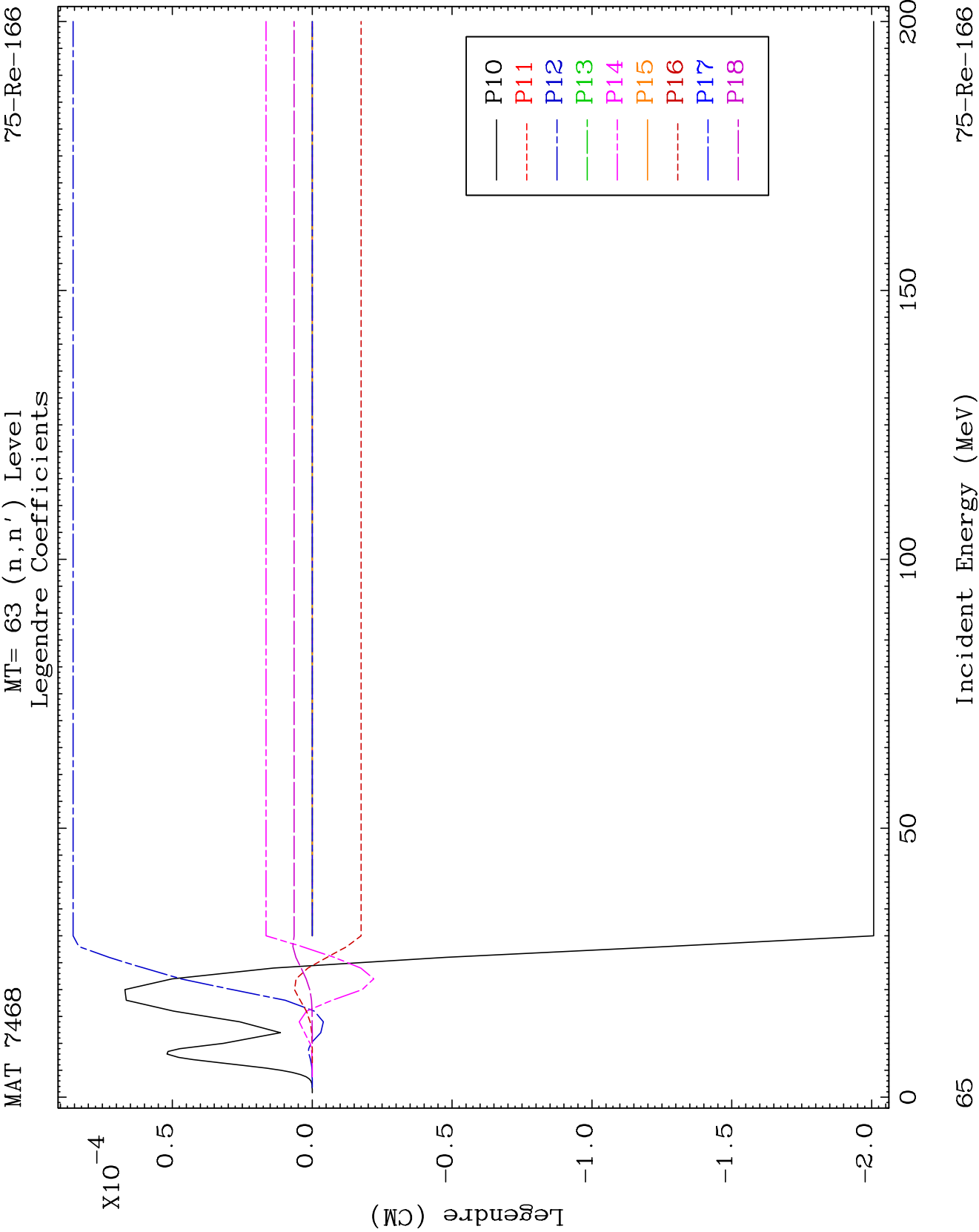


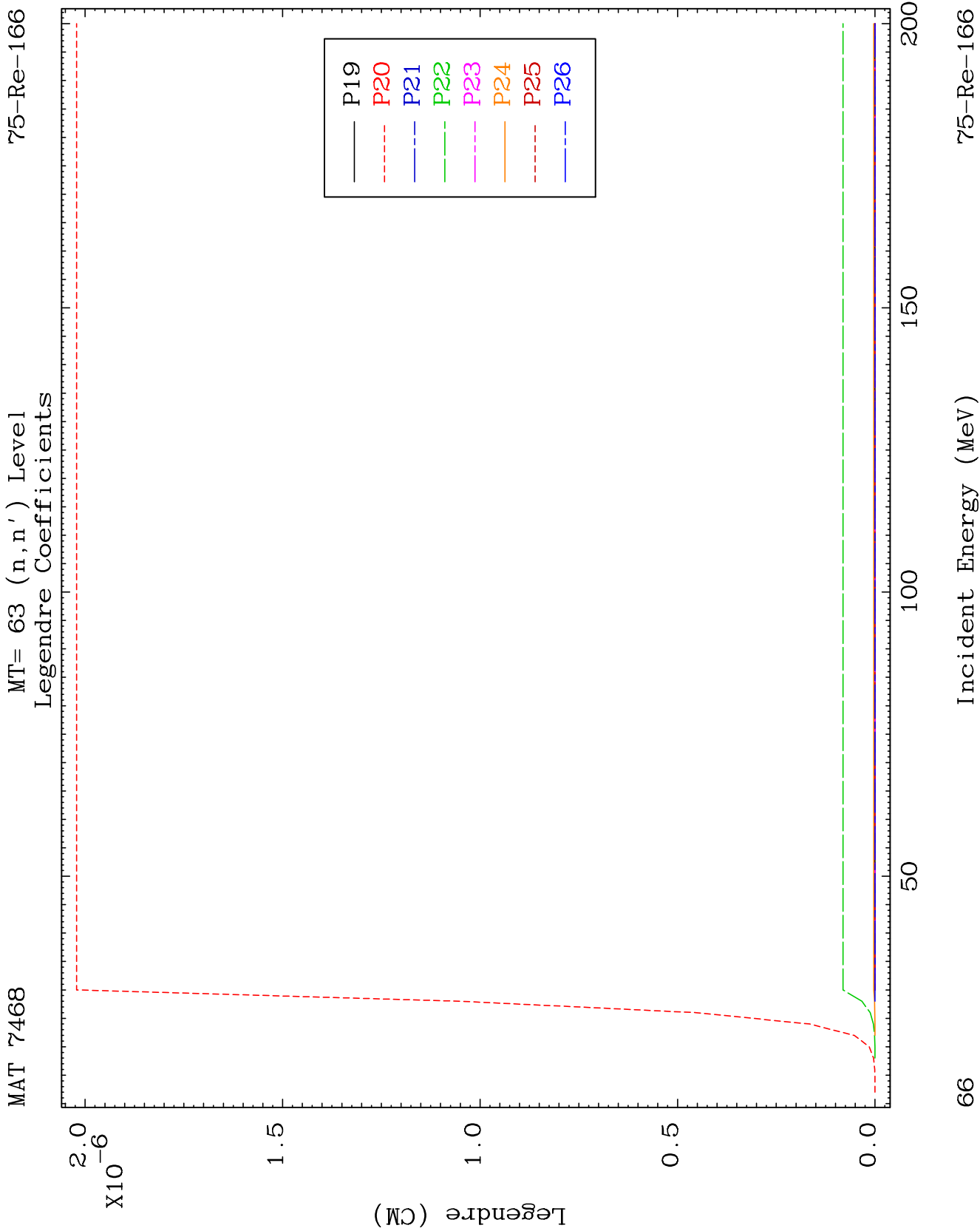
MAT 7468

MT= 63 (n, n') Level
Legendre Coefficients

75-Re-166



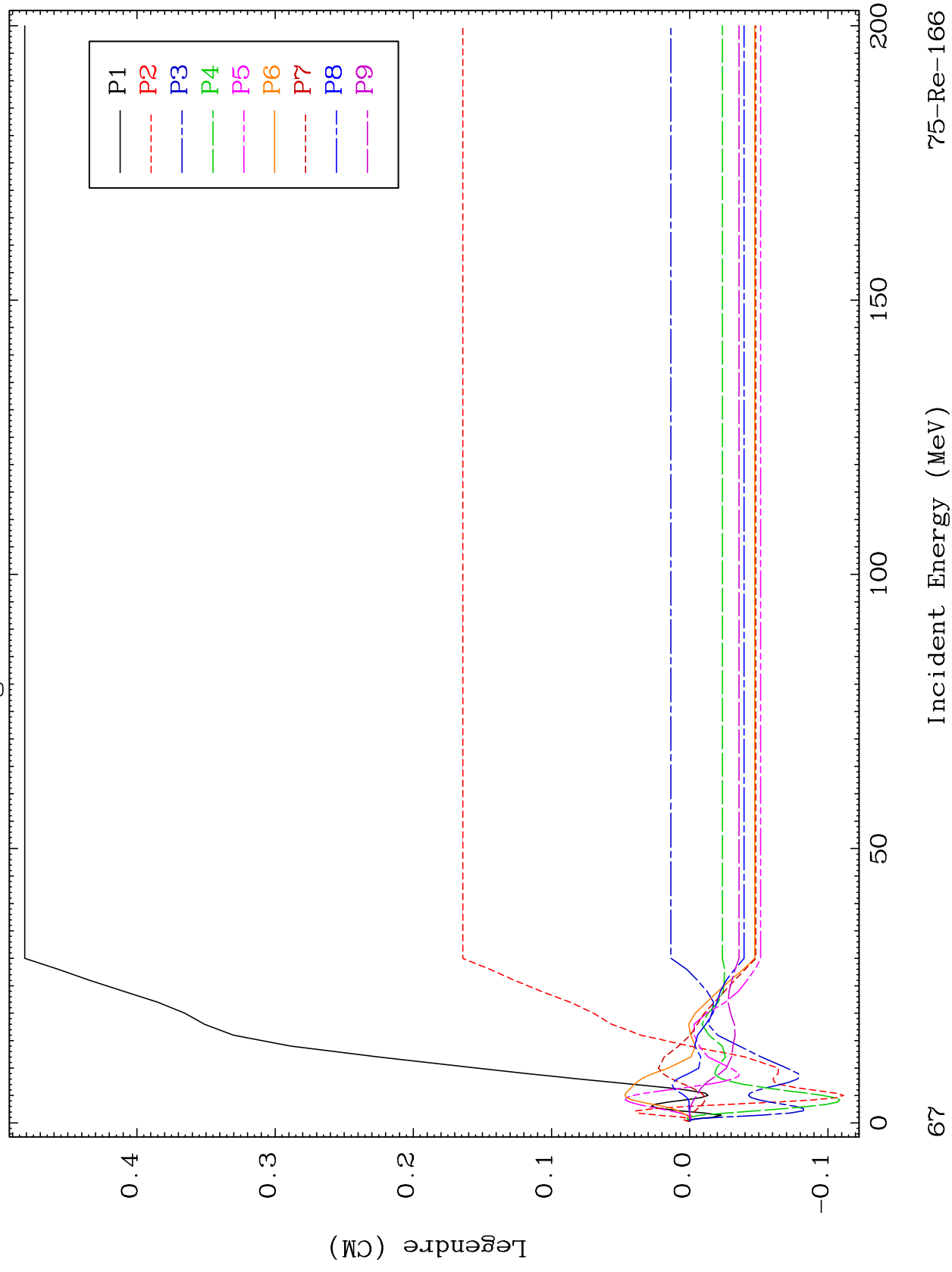


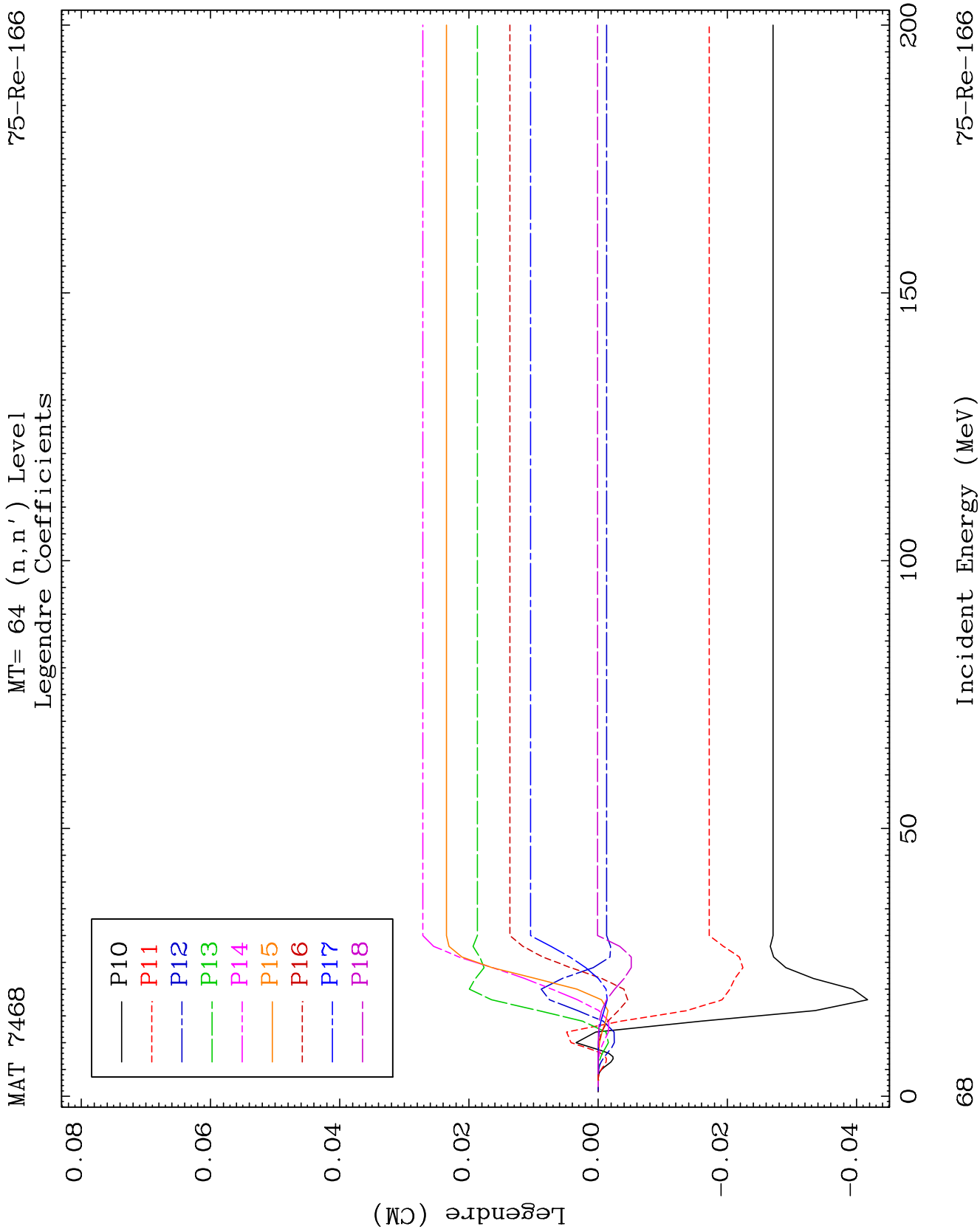


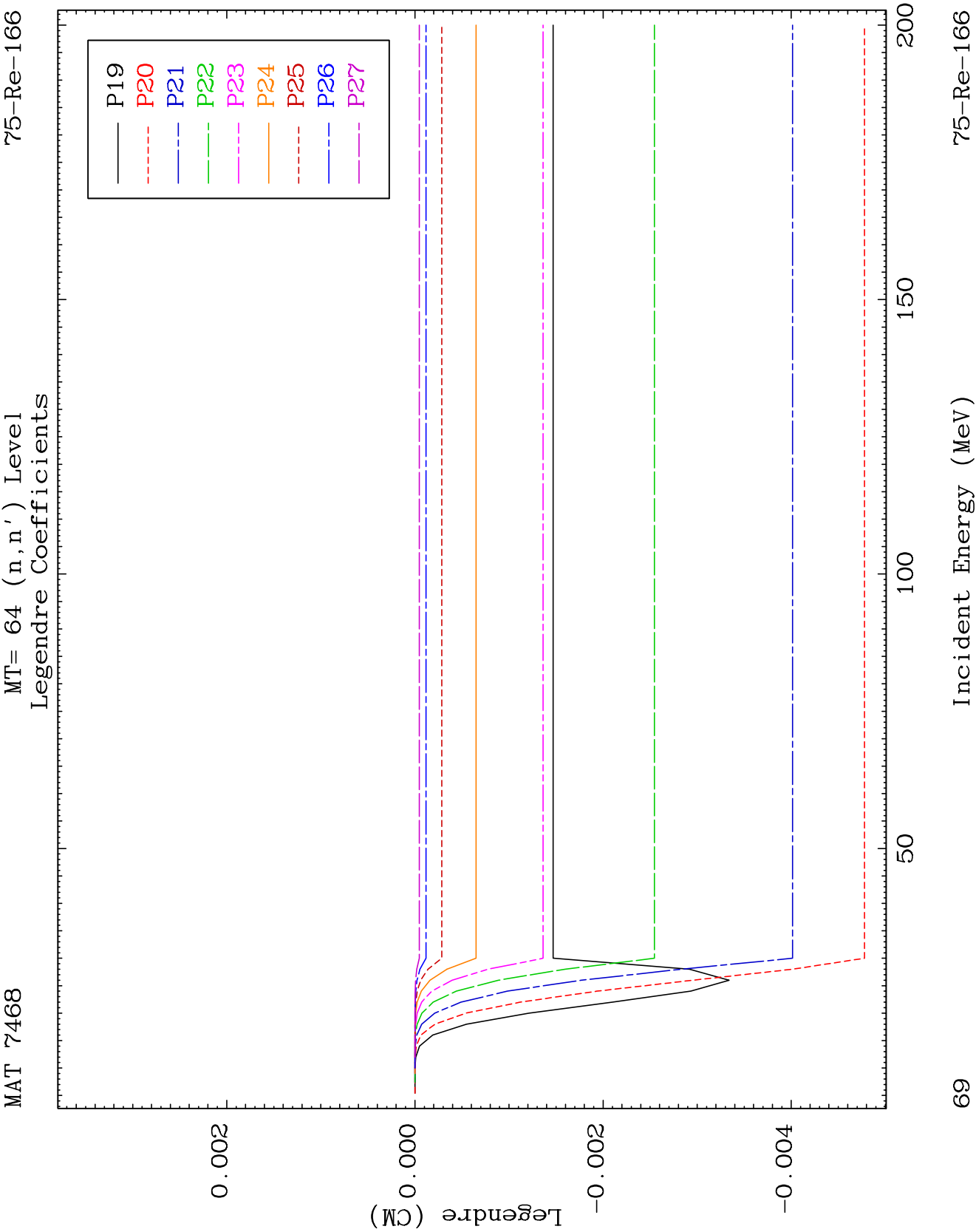
MAT 7468

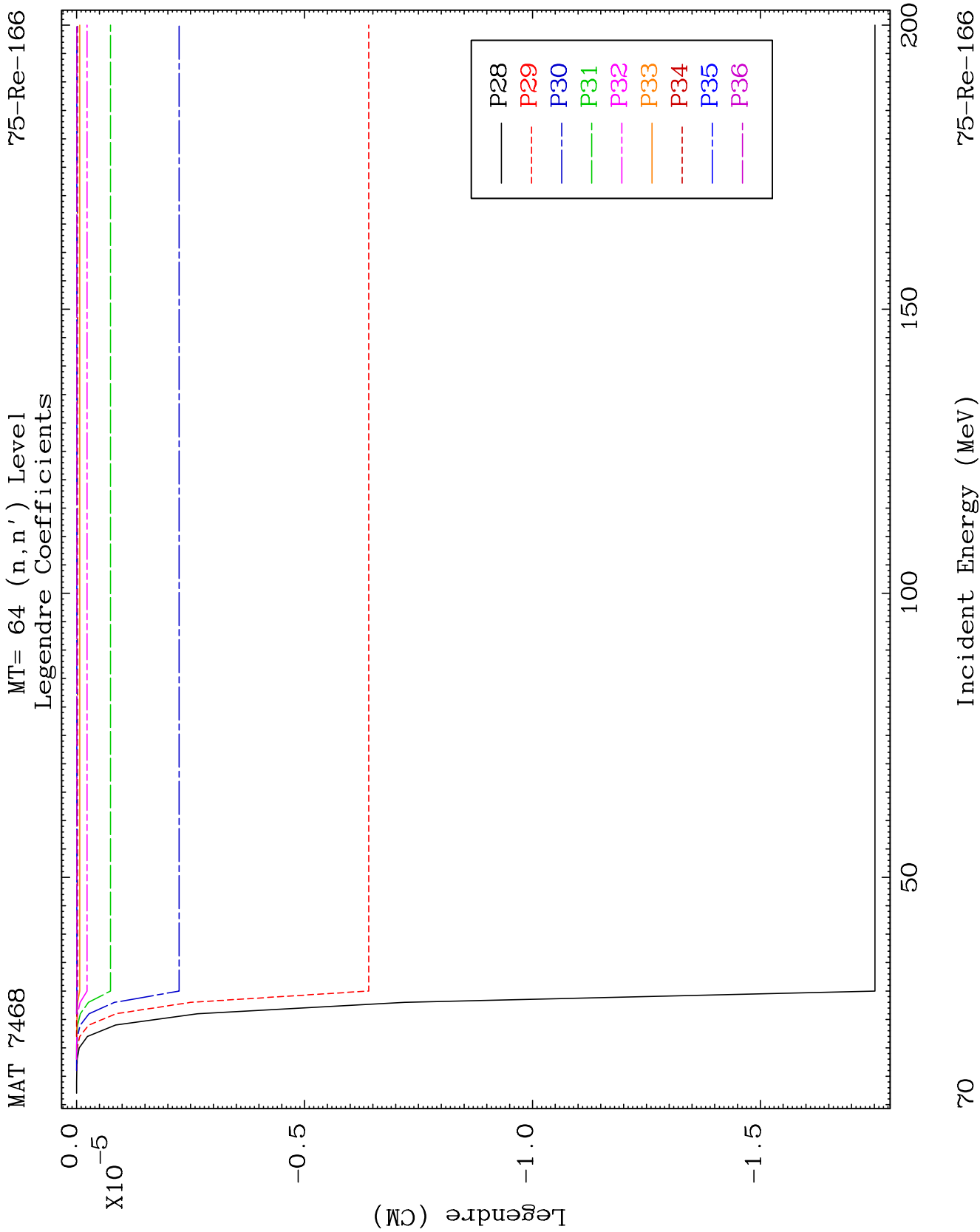
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Legendre Coefficients

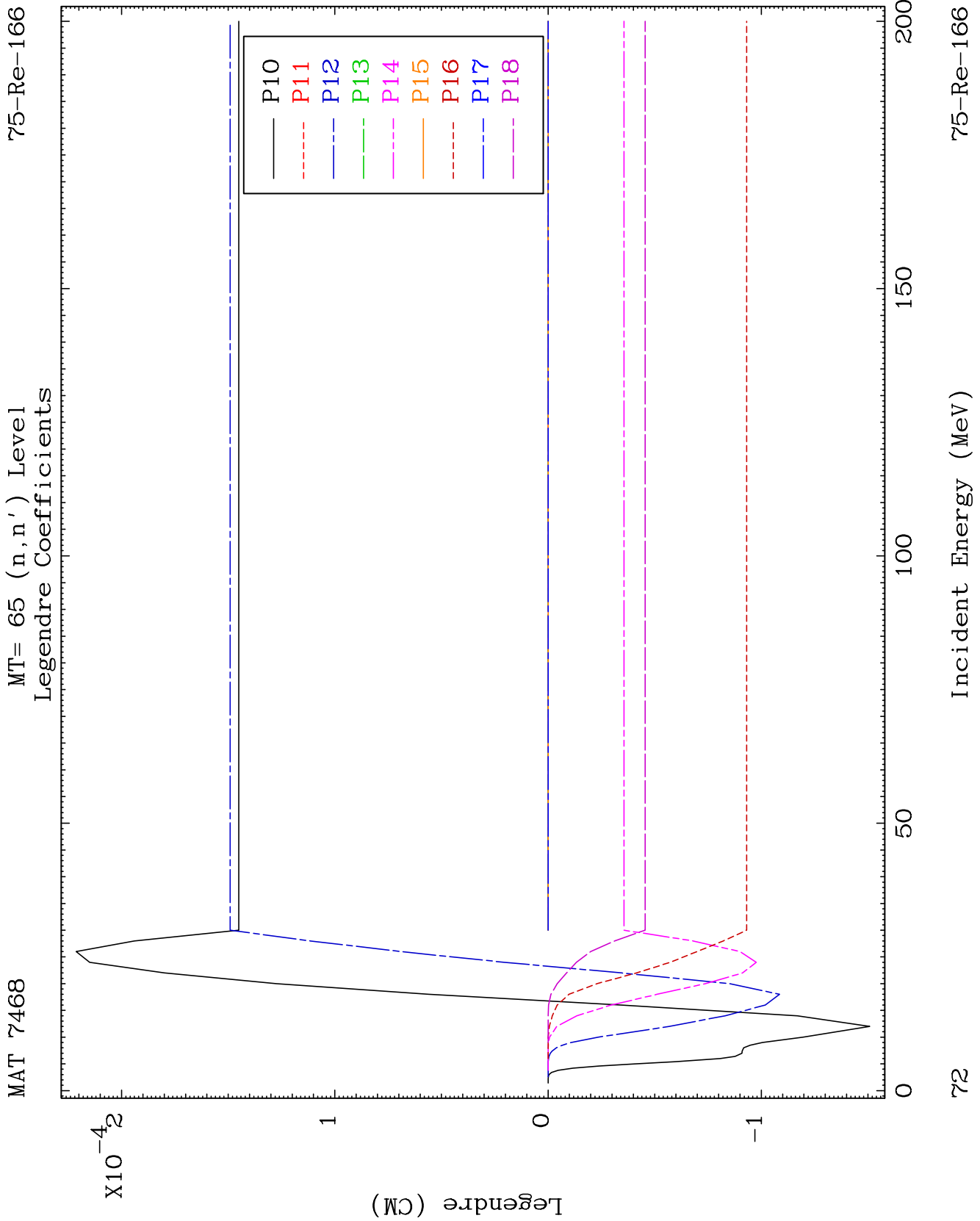
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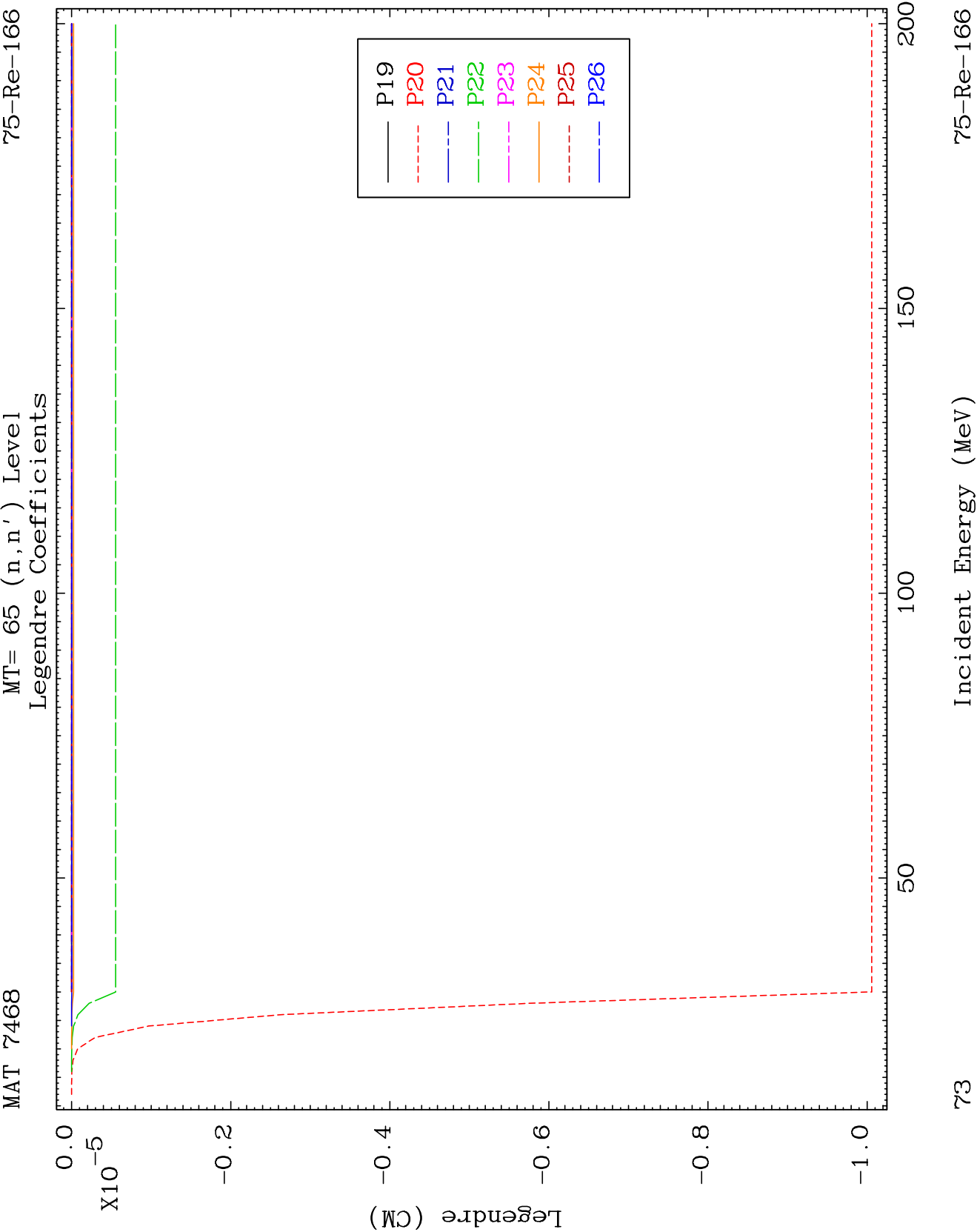








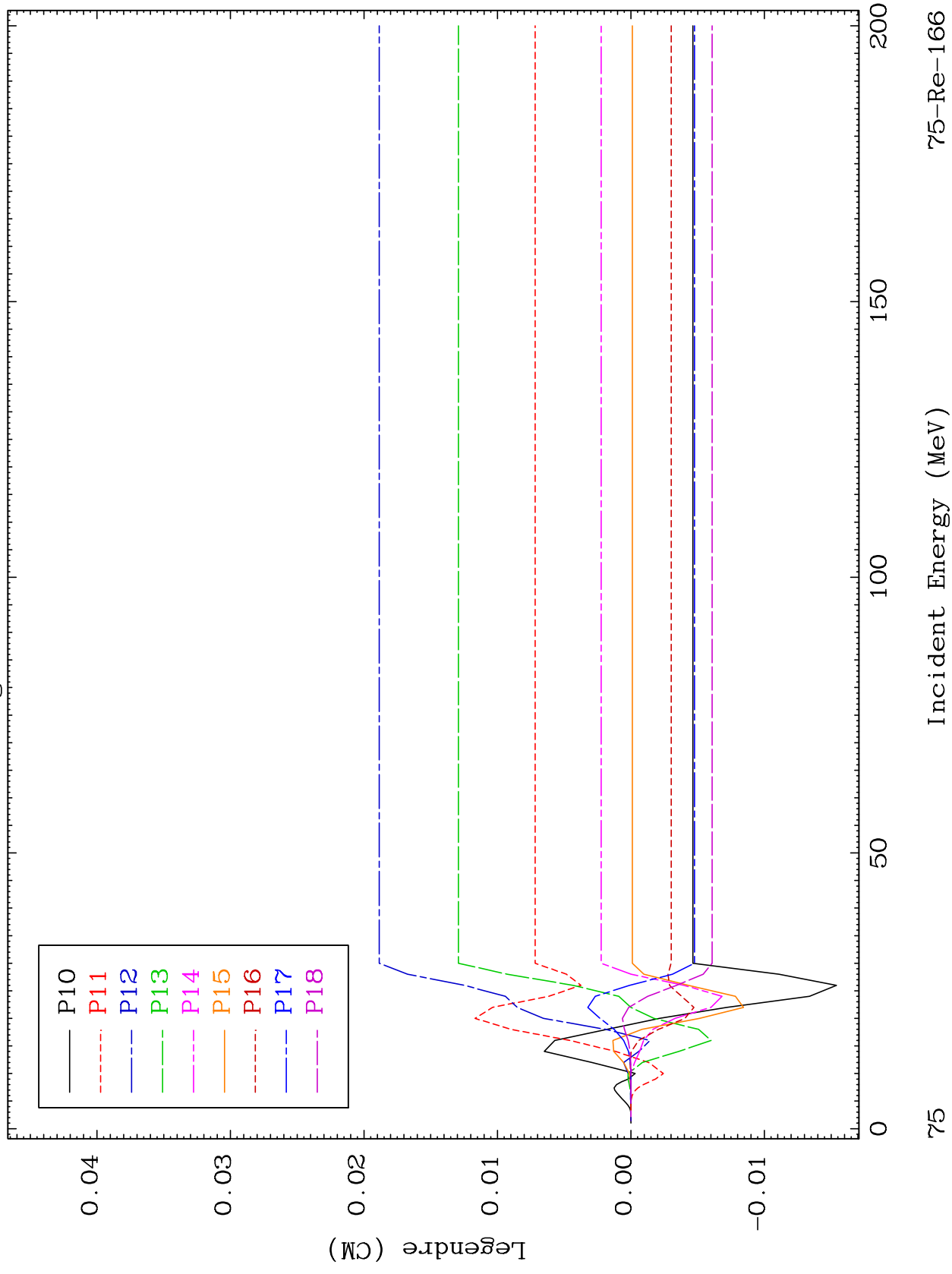




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MT= 66 (n, n') Level
Legendre Coefficients

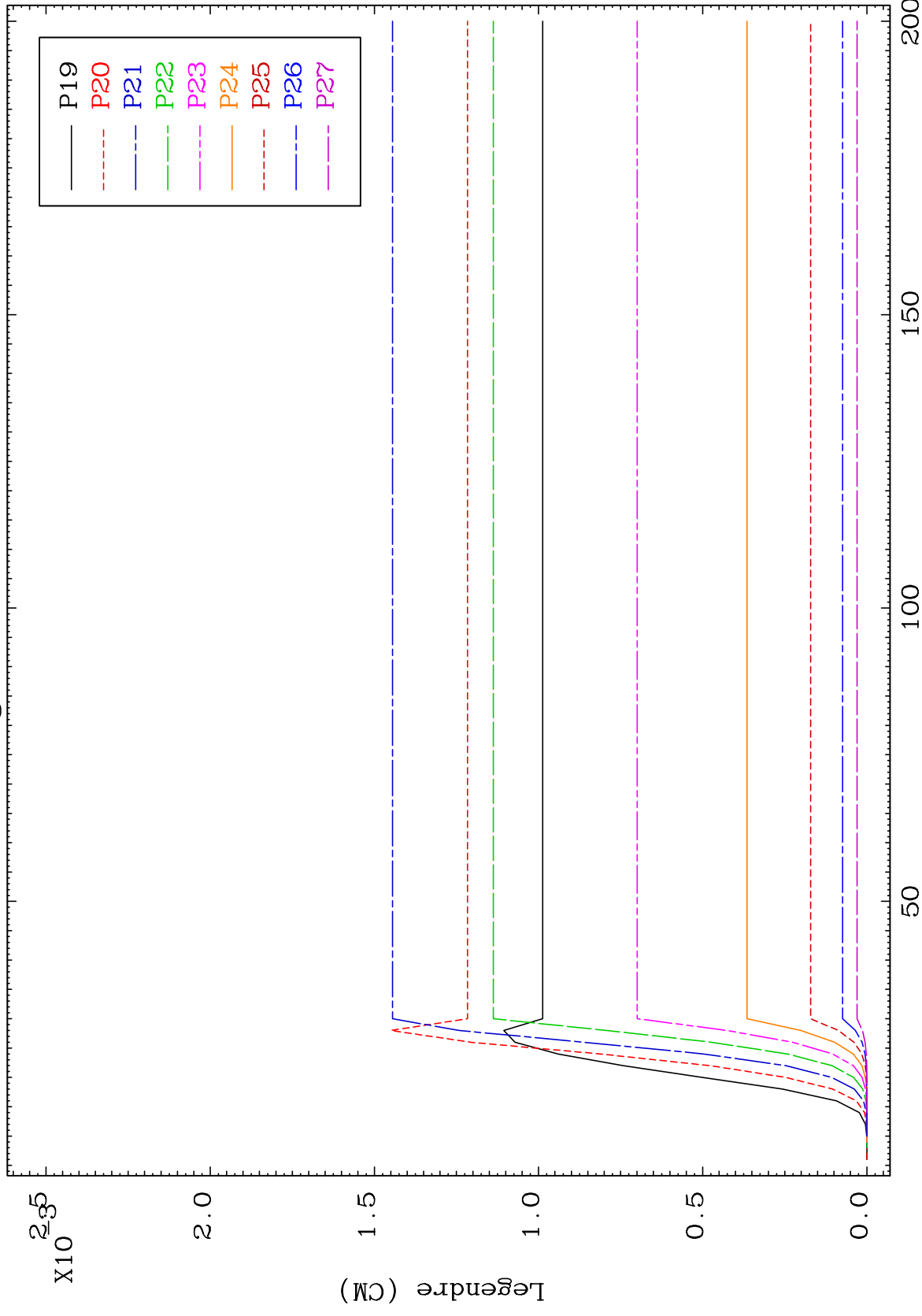
75-Re-166



MAT 7468

MT= 66 (n, n') Level
Legendre Coefficients

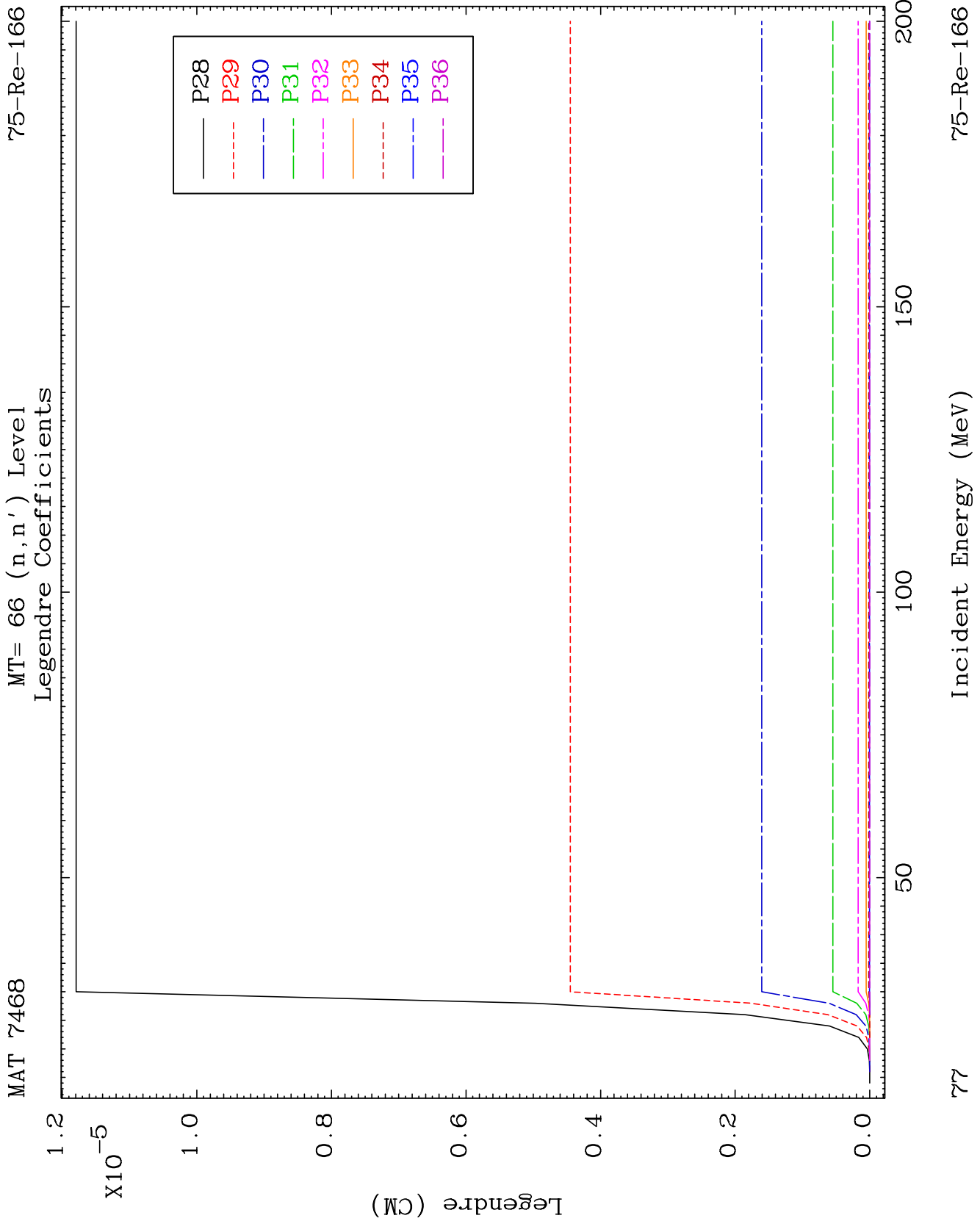
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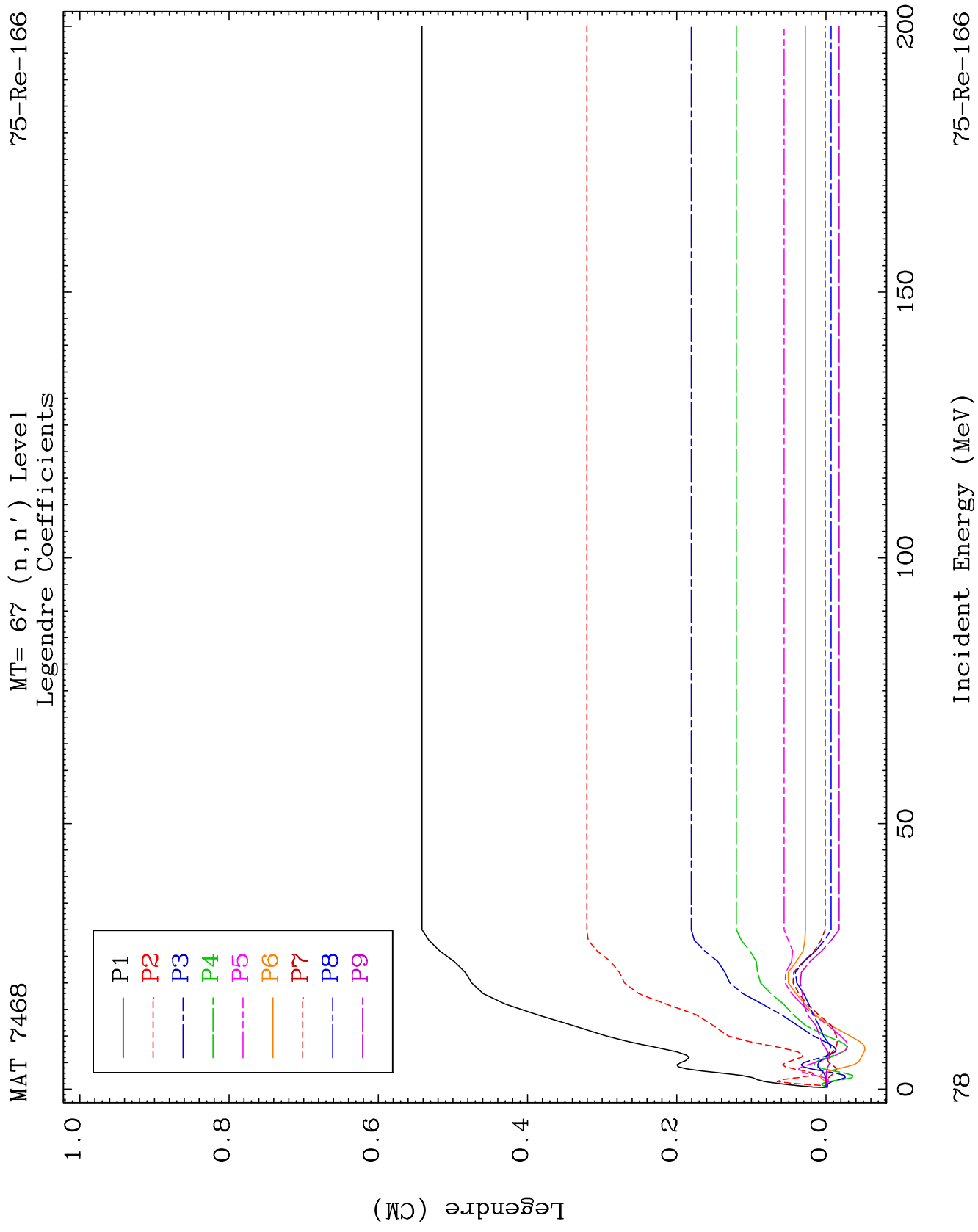


92

Incident Energy (MeV)

75-Re-166

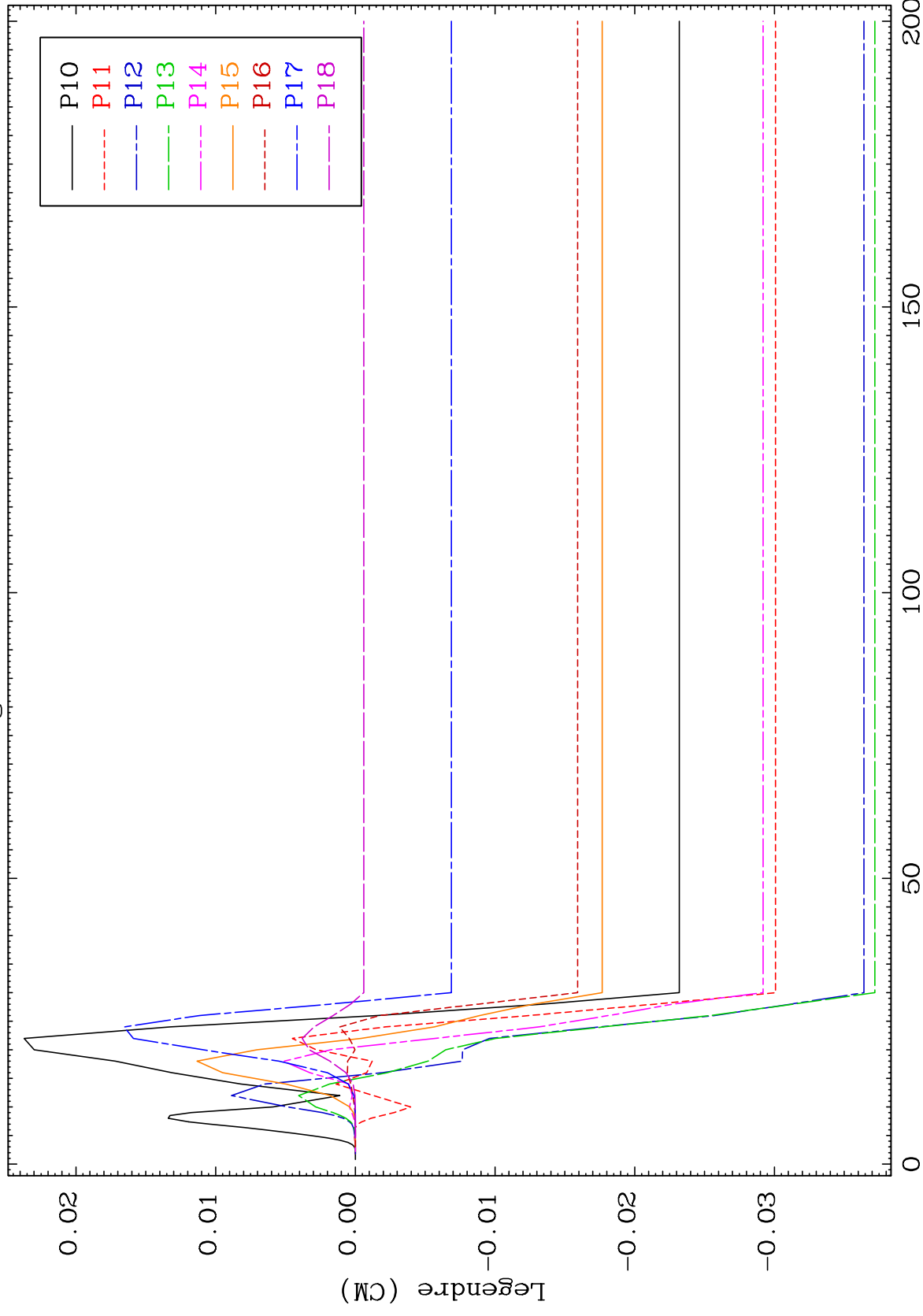




MAT 7468

MT= 67 (n, n') Level
Legendre Coefficients

75-Re-166



62

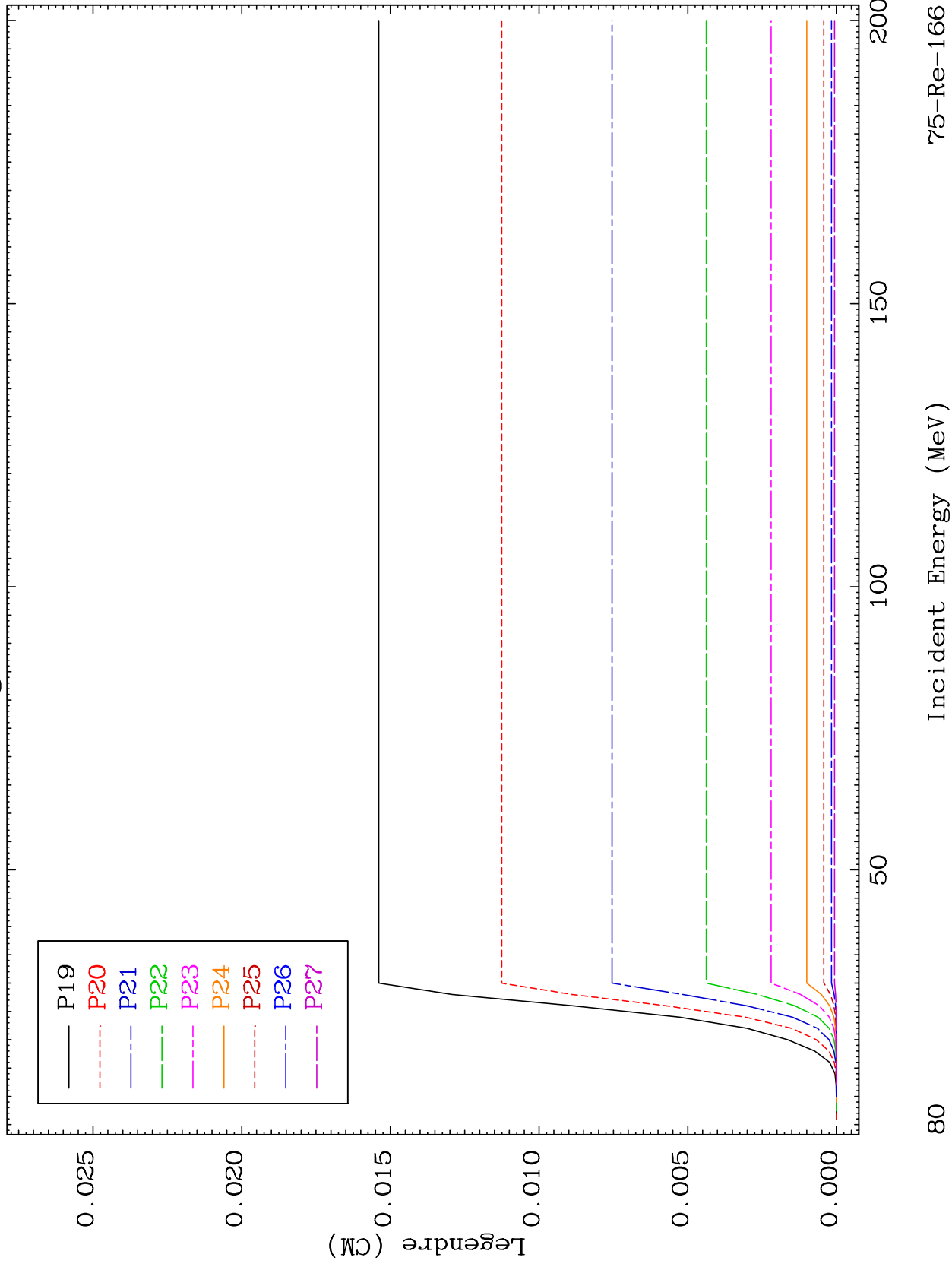
Incident Energy (MeV)

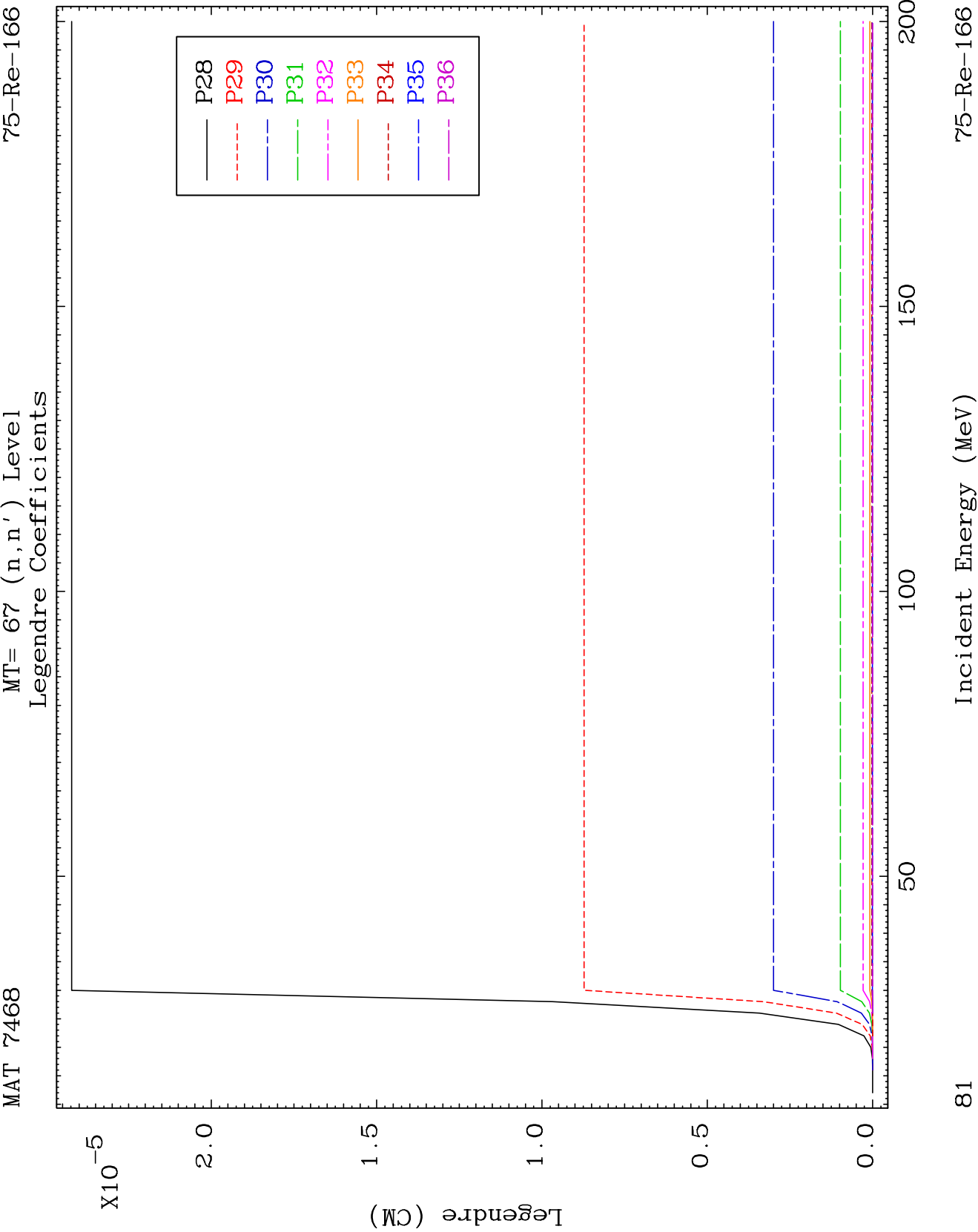
75-Re-166

MAT 7468

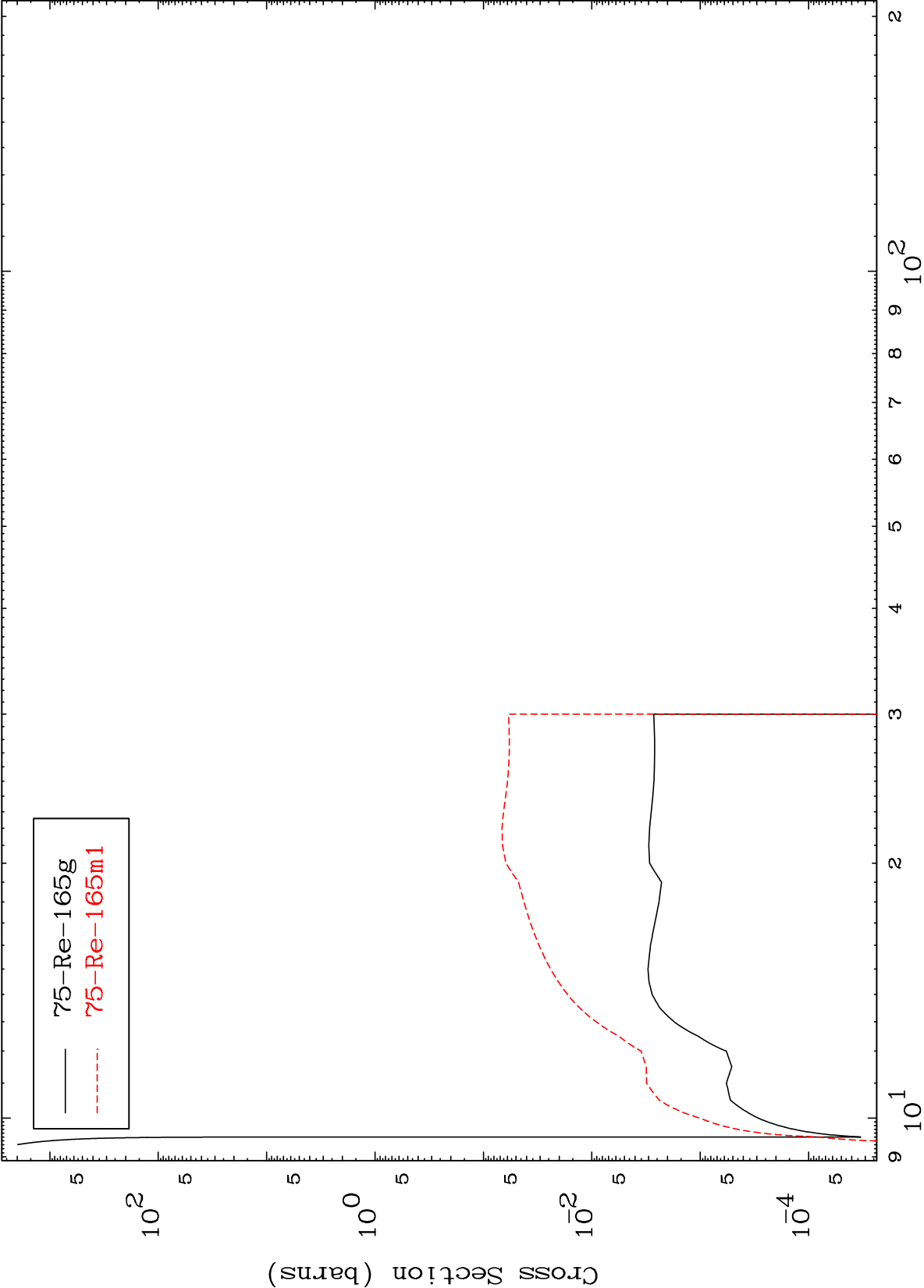
MT= 67 (n, n') Level
Legendre Coefficients

75-Re-166





Radionuclide Production Cross Section

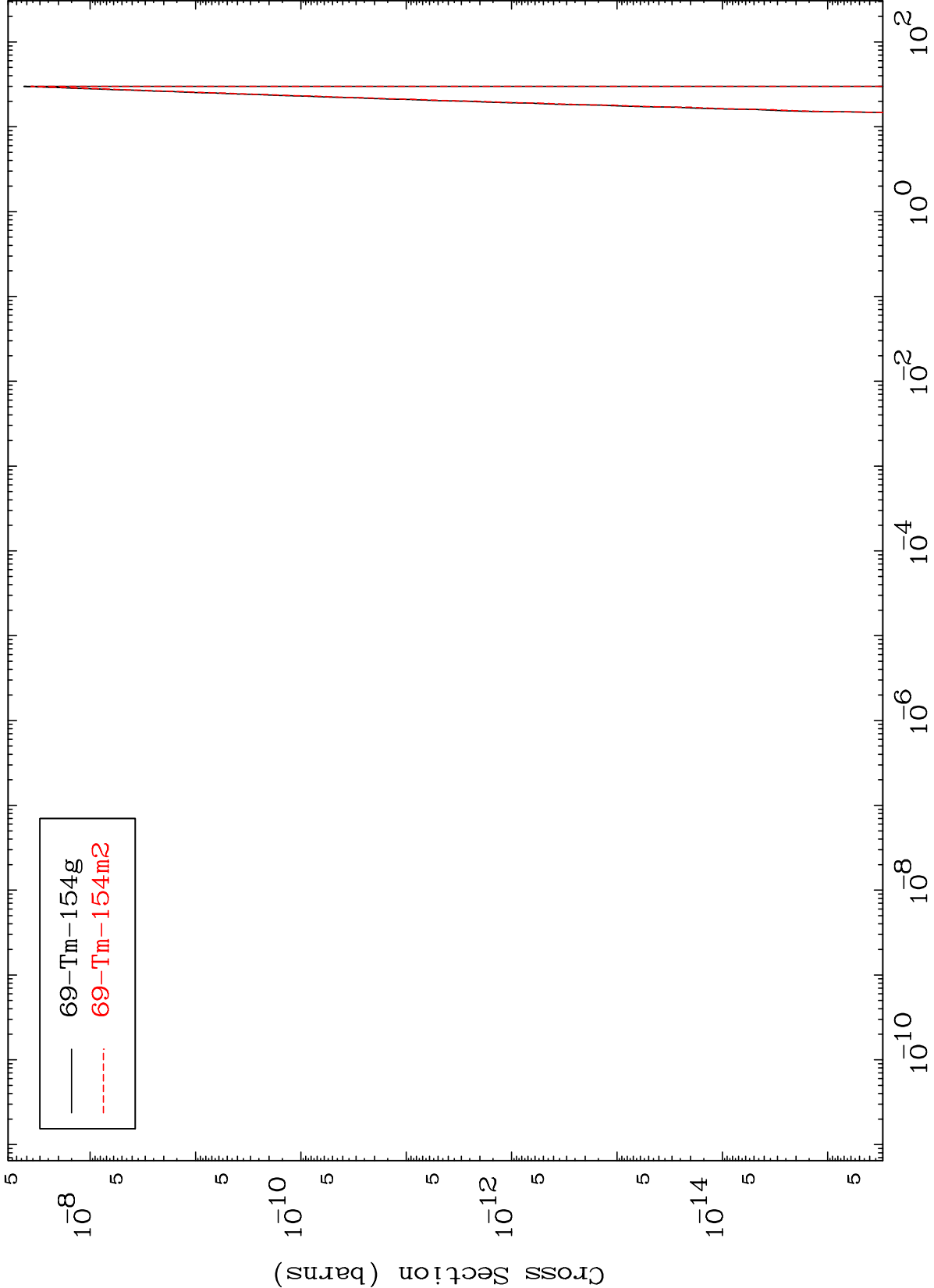


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(n,n') 3 α

⁷⁵Re-¹⁶⁶

Radionuclide Production Cross Section



83

Incident Energy (MeV)

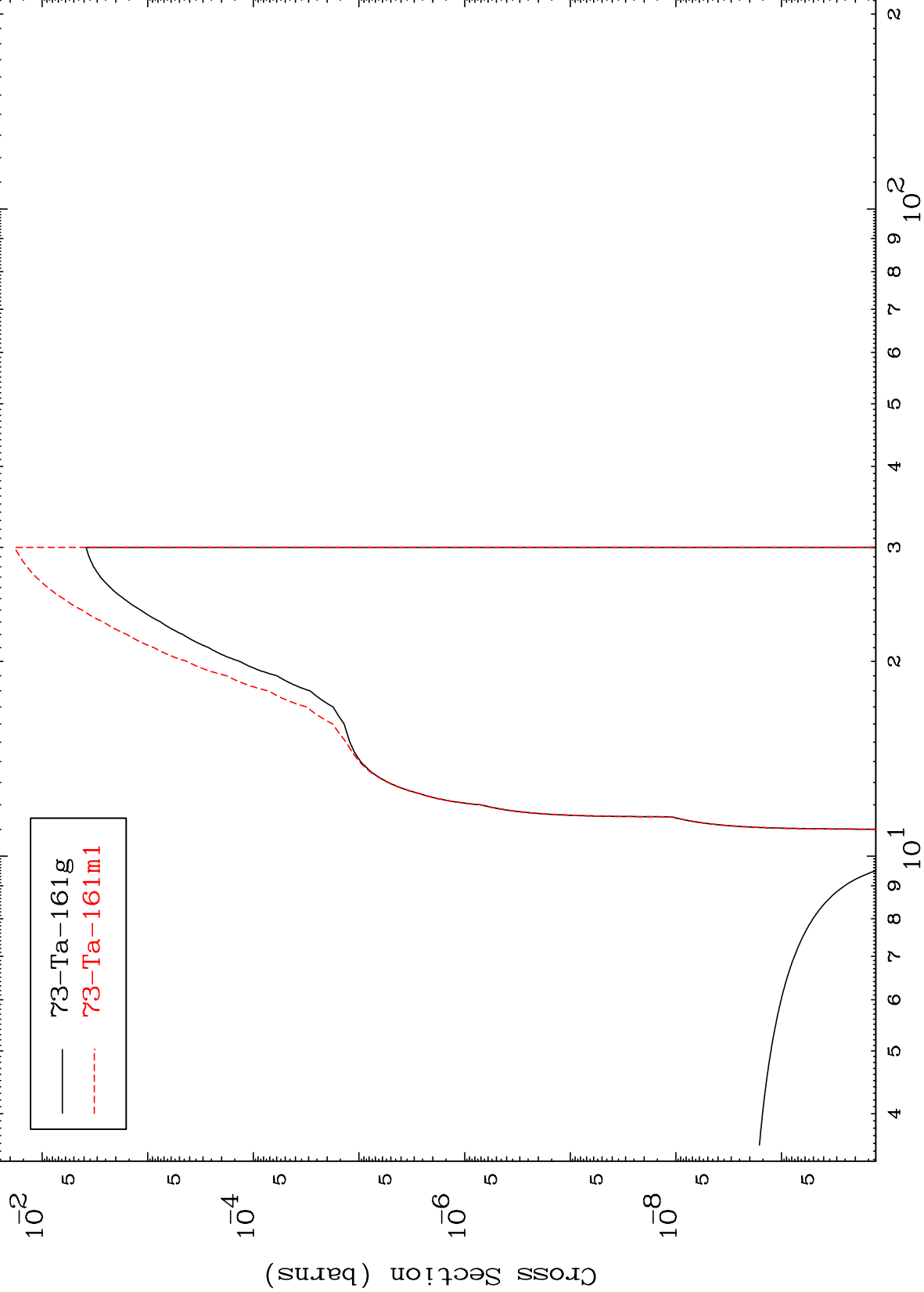
⁷⁵Re-¹⁶⁶

MAT 7468

75-Re-166

(n,2n) α

Radionuclide Production Cross Section



84

Incident Energy (MeV)

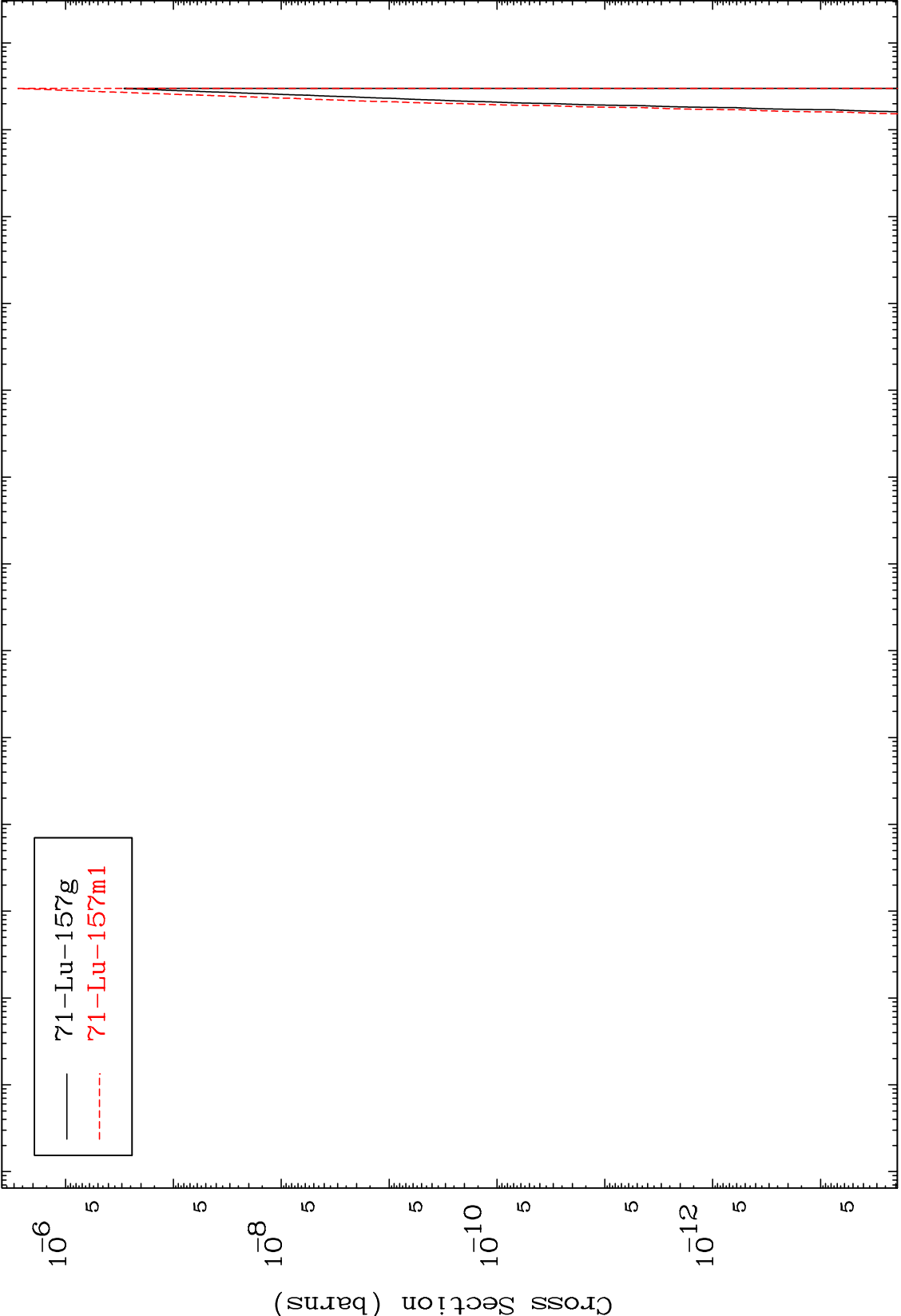
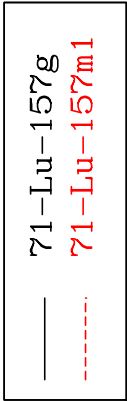
75-Re-166

MAT 7468

(n,2n) 2 α

⁷⁵Re-¹⁶⁶

Radionuclide Production Cross Section



85

Incident Energy (MeV)

⁷⁵Re-¹⁶⁶

